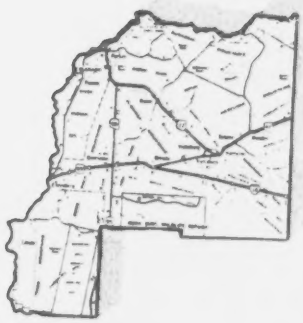
1983
ARIZONA
AGRICULTURAL STATISTICS



Arizona Crop and Livestock Reporting Service

ABOUT OUR COVER

La Paz is featured on our cover to highlight our series of county estimates that extend back to 1928 for cotton and to 1965 for most other crop and livestock items. Since agriculture is a highly complex, high-tech industry, the demand for information for sound decision-making is ever-increasing. Our series of county estimates are requested frequently to satisfy part of the need for detailed information.

La Paz County, Arizona's fifteenth and newest county came into official existance January 1, 1983. La Paz ("Peace") was formed from the northern portion of Yuma County and contains 2,870,000 acres of area. See page 114.

Cotton, alfalfa hay, melon crops and vegetables, primarily lettuce are the major crops, grown in the Colorado River plain south of Parker and Poston, in the Harquahala Plain around Wenden and Vicksburg, plus a smaller production area along the river around Cibola. Much of the farming occurs on Colorado River Indian Reservation land, either by the Tribe or under lease to non-Indians.

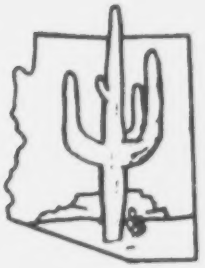
Cow-calf operations utilize the county's grasslands, much of which occurs by grazing permit on federal Bureau of Land Management land which comprises about 60 percent of the county area.

Since La Paz County production is presented separately, Yuma County's 1983 data are not comparable with previous years (without the addition of La Paz).

Contrary to common belief, county estimates are not used to establish state totals. Since most data are obtained through statistical samples, accuracy is greatest at the highest level of estimation. Therefore, state totals are first established, then disaggregated to county level estimates.

The Arizona Crop and Livestock Reporting Service salutes each county's unique agriculture and their contribution to the State's $1.7 billion food and fiber industry.

Ron Brantner
Statistician in Charge



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ARIZONA COUNTIES

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One Hundred Years 1885 1985
A Proud Beginning

INTRODUCTION

The year 1983 will be remembered by those in Arizona agriculture as the year of PIK, the government program of payment-in-kind for crops not produced. The results of PIK, which effectively reduced price-depressing commodity carryovers and suppressed production, were footnoted by extensive summer drouth in much of the nation and by damaging rains and flooding in our state.

The experience with PIK, as that with many other government programs of the past, confirm our notion that the establishment of farm policy and the assessment of both normal and unusual production and marketing situations can be no better than the facts upon which they are based.

The Arizona Crop and Livestock Reporting Service and we in the College of Agriculture are proud of our joint effort in supplying continuous, detailed, reliable statistics for decision-makers in all segments of agriculture. This nineteenth edition of "Arizona Agricultural Statistics" represents this cooperative endeavor, which has continued since its inception in 1965.

We gratefully acknowledge the assistance from farmers, ranchers and the agribusiness people who voluntarily supply the basic information that makes this statistical series possible -- and reliable.

Your comments and suggestions about this publication or how we may better serve you are always appreciated.

Jimmye S. Hillman, Head
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STATE SUMMARY

The total number of Farms and Ranches in Arizona reached a high of 14,300 in the mid-thirties. The numbers then steadily declined reaching a low of 6,200 in 1971 and 1972. From this low, the number of farms increased gradually over the next 10 years to 7,500 in 1981. The 1983 number of farms at 7,000 represents the second decline since 1981. Most of the fluctuation in the farm count is caused by farms of less than 50 acres. These account for over half of the total number of farms.

Total land in Farms and Ranches in Arizona declined from a high of 45,000,000 acres in the late fifties to 38,900,000 acres in 1983. Total land in farms has held around the 39,000,000 acre mark since 1977 with little change from year to year. Arizona continues its status as number one in the nation in average size of farm while ranking eighth in total acres of all farm and ranch land. Average farm size is large in most western states because of large grazing operation and the Indian lands.

NUMBER OF FARMS AND RANCHES AND LAND IN FARMS AND RANCHES: Selected States, 1979-83 1/

State	Farms and ranches					Land in farms and ranches					1983 2/	
	1979	1980	1981	1982	1983 2/	1979	1980	1981	1982	1983 2/	Average size of farms & ranches	Rank
	Number					1,000 acres					Acres	
Arizona	6,800	7,000	7,500	7,200	7,000	39,000	38,900	39,000	39,000	38,900	5,557	1
California	79,000	80,000	82,000	80,000	78,000	33,900	33,900	34,000	34,200	33,700	432	18
Colorado	26,300	26,500	26,500	25,800	25,500	36,700	36,500	36,500	35,800	35,200	1,411	7
Idaho	24,000	24,100	24,000	24,200	24,400	15,400	15,400	15,100	15,100	15,100	619	14
Kansas	75,000	75,000	76,000	76,000	75,000	48,300	48,500	48,500	48,500	48,500	647	13
Montana	23,700	23,800	23,900	24,000	24,000	62,100	62,100	62,100	62,100	62,100	2,588	6
Nevada	2,900	2,900	3,100	2,900	2,700	8,990	8,990	8,900	8,900	8,900	3,296	5
New Mexico	13,300	13,500	14,000	13,900	13,500	46,800	46,800	47,400	47,400	47,000	3,481	3
Oklahoma	72,000	72,000	71,000	71,000	71,000	34,600	34,600	34,300	34,300	34,000	479	16
Oregon	34,000	35,000	36,500	36,000	37,000	18,200	18,100	18,200	18,200	18,200	492	15
Texas	185,000	186,000	186,000	185,000	184,000	138,900	138,800	138,500	138,400	138,300	752	12
Utah	13,000	13,000	13,000	12,900	12,800	12,600	12,600	12,400	12,300	12,300	961	11
Washington	37,000	38,000	39,500	39,000	38,000	16,100	16,100	16,300	16,300	16,300	429	19
Wyoming	9,000	9,100	9,300	9,100	9,200	35,000	35,000	35,300	35,300	35,300	3,837	
UNITED STATES	2,429,960	2,427,830	2,434,010	2,400,570	2,369,750	1,045,195	1,042,245	1,042,100	1,038,530	1,035,160	437	

1/ A farm is a place that sells or normally would sell $1,000 of agricultural product.
2/ Preliminary.

RANKING OF STATES PRODUCING MAJOR ARIZONA COMMODITIES: Based on production 1981-83

Commodity	First			Second			Third			Fourth			Fifth			Arizona			Number of states in estimating program
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983	
All Cotton	TX	CA	TX	CA	TX	CA	AZ	MS	MS	MS	AZ	AZ	LA	LA	LA	3	4	4	17
Upland Cotton	TX	CA	TX	CA	TX	CA	MS	MS	MS	AZ	AZ	AZ	LA	LA	LA	4	4	4	17
American Pima Cotton	AZ	AZ	AZ	TX	TX	TX	NM	NM	NM							1	1	1	3
Alfalfa Hay	WI	WI	WI	IA	IA	MN	CA	CA	CA	MN	MN	SD	NE	SD	NE	25	25	25	43
All Wheat	ND	KS	KS	KS	ND	ND	TX	OK	WA	MT	MT	TX	OK	TX	OK	25	30	28	41
Durum Wheat	ND	ND	ND	AZ	CA	CA	CA	MT	AZ	MT	AZ	MT	SD	SD	SD	2	4	3	6
Other Wheat	KS	KS	KS	TX	OK	TX	OK	TX	WA	WA	WA	OK	MO	NE	CO	36	33	32	41
Barley	ND	ND	ND	ID	MT	MT	MN	ID	ID	MT	MN	WA	WA	WA	MN	15	12	15	29
Corn for Grain	IA	IA	IA	IL	IL	IL	NE	IN	NE	MN	NE	MN	IN	MN	IN	35	37	39	41
Sorghum for Grain	TX	TX	TX	KS	KS	KS	NE	NE	NE	MO	MO	MO	OK	OK	AR	18	20	19	23
Sugarbeets	CA	MN	MN	MN	CA	CA	ID	ID	ID	ND	ND	ND	MI	MI	MI	12	11		15
Potatoes	ID	ID	ID	WA	WA	WA	ME	ME	ME	OR	WS	OR	CA	CA	ND	23	25	24	38
Fresh Market Vegetables	CA	CA	CA	FL	FL	FL	AZ	AZ	AZ	TX	TX	TX	NY	NY	MI	3	3	3	31
Lettuce	CA	CA	CA	AZ	AZ	AZ	FL	FL	FL	CO	NM	NM	TX	TX	CO	2	2	2	13
Dry Onions	CA	CA	CA	OR	TX	TX	TX	OR	OR	NY	NY	NY	CO	CO	CO	12	10	10	15
Broccoli	CA	CA	CA	TX	TX	TX	OR	OR	OR	AZ	AZ	AZ				4	4	4	4
Carrots (Fresh)	CA	CA	CA	TX	TX	TX	WI	WA	MI	WA	WI	WI	MI	MI	WA	10	9	7	14
Cauliflower (Fresh)	CA	CA	CA	NY	OR	OR	OR	NY	AZ	AZ	AZ	NY	TX	TX	TX	4	4	3	6
Honeydews	CA	CA	CA	TX	TX	TX	AZ	AZ	AZ							3	3	3	3
All Oranges	FL	FL	FL	CA	CA	CA	TX	TX	TX	AZ	AZ	AZ				4	4	4	4
Grapefruit	FL	FL	FL	CA	TX	TX	TX	CA	CA	AZ	AZ	AZ				4	4	4	4
Lemons	CA	CA	CA	AZ	AZ	AZ										2	2	2	2
Tangerines	FL	FL	FL	CA	CA	CA	AZ	AZ	AZ							3	3	3	3
All Grapes	CA	CA	CA	WA	WA	WA	NY	NY	NY	PA	MI	PA	MI	PA	MI	6	6	6	12
All Cattle and Calves 1/	TX	TX	TX	NE	NE	NE	IA	IA	2/	KS	KS		OK	MO	OK	35	35	35	50
Cattle on Feed 1/	TX	TX	TX	NE	NE	NE	IA	KS	KS	KS	IA	IA	CO	CO	CO	10	9	8	13
Milk Production	WI	WI	WI	CA	CA	CA	NY	NY	NY	MN	MN	MN	PA	PA	PA	28	27	27	50
Sheep and Lambs 1/	TX	TX	TX	CA	CA	CA	WY	WY	WY	SD	CO	SD	CO	SD	CO	12	12	12	41
Hogs and Pigs 3/	IA	IA	IA	IL	IL	IL	MN	IN	MN	4/	MN	IN		NE	NE	29	28	30	50
Chickens 3/ 5/	CA	CA	CA	GA	GA	GA	AK	IN	IN	PA	AK	PA	IN	PA	AK	44	44	45	50

1/ January 1 following year inventory.
2/ Iowa and Kansas.
3/ December 1 inventory.
4/ Indiana and Nebraska.
5/ Average number of hens and pullets of laying age, excluding commercial broilers.

CROP SUMMARY: Acreage harvested, production and value, Arizona and United States, 1981-83

Crop	Acres harvested			Production				Value		
	1981	1982	1983	Unit	1981	1982	1983	1981	1982	1983
ARIZONA	1,000 Acres				1,000			1,000 Dollars		
Barley	43	63	38	Ton	98	159	98	15,971	18,059	12,722
Corn for Grain	35	18	17	Ton	127	68	69	13,878	7,871	9,425
Corn for Silage	18	12	8	Ton	378	252	192			
Corn for Forage	2	0	0							
Cotton, All	632.6	506.6	312.6	Bale	1,609.7	1,160.9	761.0	442,482	348,608	267,029
Cottonseed				Ton	651	495	311	52,373	39,600	31,315
Hay, All	190	185	170	Ton	1,216	1,241	1,157	89,984	91,214	105,287
Safflower	1.5	4.6	3.6	Ton	1.7	5.7	3.6	518	1,568	850
Sorghum for Grain	26	15	13	Ton	60	35	29	6,862	3,679	3,882
Sorghum for Silage	3	4	5	Ton	66	78	80			
Sorghum for Forage	1	1	1							
Sugarbeets	12.6	12.8	0	Ton	300	298		10,110	10,341	
Wheat, All	258	143	119	Ton	655	372	333	100,765	44,674	44,871
Broccoli	.7	.8	1.0	Cwt.	55	56	75	1,542	1,866	2,143
Carrots	1.7	2.7	3.2	Cwt.	223	449	549	2,807	5,723	5,466
Cauliflower	2.2	2.2	3.7	Cwt.	284	284	444	9,953	11,517	15,744
Honeydews	2.3	3.5	3.1	Cwt.	345	438	341	4,589	4,643	5,217
Lettuce, All	29.6	34.3	40.2	Cwt.	8,897	11,097	11,949	87,806	167,420	121,075
Onions, Dry	1.1	1.7	1.6	Cwt.	512	876	656	8,704	6,899	5,287
Potatoes, Spring	5.2	4.7	4.9	Cwt.	1,456	1,434	1,274	18,993	9,393	8,600
Grapefruit	8.1	8.2	6.8	Ctn.	5,600	4,800	5,400	10,976	5,664	6,918
Lemons	19.2	21.6	19.5	Ctn.	14,000	12,600	10,100	28,790	20,944	22,275
Oranges	13.2	13.5	12.6	Ctn.	5,200	6,100	7,600	10,050	18,280	18,329
Tangerines	3.2	3.4	3.5	Ctn.	1.4	1.5	1.8	4,226	5,010	5,139
Grapes	3.2	3.5	3.8	Ton	12.4	15.1	14.6	15,576	14,964	15,330
UNITED STATES										
Barley	9,158	9,115	9,902	Ton	11,504	12,537	12,457	1,168,983	1,157,817	1,331,596
Corn for Grain	74,700	75,030	51,557	Ton	229,645	254,062	117,706	20,405,973	22,364,537	14,192,055
Corn for Silage	8,171	7,879	7,722	Ton	115,476	112,627	95,046			
Corn for Forage	362	307	307							
Cotton, All	13,841.2	9,728.5	7,330.7	Bale	15,645.7	11,962.6	7,724.8	4,075,403	3,410,202	2,481,072
Cottonseed				Ton	6,396.9	4,745.9	3,105.6	549,041	366,240	316,047
Hay, All	60,192	60,679	60,461	Ton	143,201	152,534	142,979	9,224,932	9,646,587	9,916,620
Safflower	1/	1/	1/							
Sorghum for Grain	13,716	14,248	9,900	Ton	24,618	23,558	13,526	2,087,223	2,106,431	1,432,165
Sorghum for Silage	772	593	634	Ton	9,312	7,526	6,558			
Sorghum for Forage	1,080	926	666							
Sugarbeets	1,228.1	1,026.8	1,055.0	Ton	27,538	20,896	21,111	803,569	740,342	1/
Wheat, All	81,013	78,981	61,492	Ton	83,962	84,369	72,762	10,224,661	9,971,622	8,619,890
Broccoli	78.5	92.0	88.7	Cwt.	7,522	8,819	7,770	175,132	211,086	197,237
Carrots	73.9	79.4	79.9	Cwt.	20,466	23,420	22,267	182,171	198,418	206,802
Cauliflower	46.0	51.1	53.2	Cwt.	5,209	5,553	5,713	125,307	130,796	146,160
Honeydews	19.6	24.9	22.7	Cwt.	3,419	3,780	3,931	52,581	53,111	51,663
Lettuce, All	223.6	215.1	225.4	Cwt.	62,622	62,777	63,813	681,470	755,496	797,038
Onions, Dry	111.6	125.2	119.4	Cwt.	35,021	41,637	37,246	119,458	82,721	71,240
Potatoes, Spring	1,237.1	1,273.9	1,239.1	Cwt.	338,591	351,822	325,721	1,818,476	1,547,277	1,844,192
Grapefruit	197.0	199.0	198.9	Ctn.	135,700	140,800	121,200	521,517	228,511	189,895
Lemons	71.9	75.9	69.2	Ctn.	62,600	49,600	49,900	151,174	105,688	109,679
Oranges	794.6	777.1	748.9	Ctn.	489,160	555,380	444,360	1,295,281	1,167,795	1,456,958
Tangerines	26.5	24.8	23.5	Ctn.	11,120	9,960	10,500	35,850	40,728	41,597
Grapes				Ton	4,457.6	6,554.2	5,281.2	1,325,310	1,560,922	1,348,702

1/ Not Available.

LIVESTOCK SUMMARY: Inventory and value, Arizona and United States, 1980-84

Specie and class	Inventory 1/					Value 2/				
	1980	1981	1982	1983	1984	1980	1981	1982	1983	1984
	1,000 Head					1,000 Dollars				
ARIZONA										
ALL CATTLE AND CALVES 3/	1,050	1,075	1,000	1,000	980	488,250	494,500	410,000	400,000	377,300
Beef Cows	258	285	275	278	268					
Milk Cows	72	75	80	82	82					
Beef Cow Replacement Heifers	45	49	49	37	32					
Milk Cow Replacement Heifers	13	17	19	21	15					
Other Heifers	27	32	25	17	14					
Steers 500 pounds and over	420	361	334	306	305					
Bulls 500 pounds and over	24	26	26	29	24					
Steers, Heifers and Bulls under 500 pounds	191	230	192	230	240					
Cattle on Feed 4/	420	401	330	385	407					
ALL HOGS 5/	149	180	170	170	150	8,866	11,880	12,665	17,425	11,700
Breeding Hogs	19	23	21	21	18					
Market Hogs	130	157	149	149	132					
Under 60 pounds	52	52	57	58	51					
60-119 pounds	27	36	33	34	30					
120-179 pounds	26	35	33	29	27					
180 pounds and over	25	34	26	28	24					
ALL SHEEP AND LAMBS 3/	385	372	377	343	306	26,373	20,274	25,636	22,124	21,267
Stock Sheep	325	325	320	293	261					
Ewes one year or older	246	240	235	201	178					
Rams and Wethers one year or older	10	9	8	16	12					
Ewe Lambs	49	56	54	51	48					
Wether and Ram Lambs	20	20	23	25	23					
Sheep and Lambs on Feed	60	47	57	50	45					
ALL CHICKENS 5/	580	550	530	500	400	870	825	1,140	750	780
Hens and Pullets of Laying Age	488	460	480	470	380					
	1,000 Head					Million dollars				
UNITED STATES										
ALL CATTLE AND CALVES 3/	111,192	114,521	115,604	115,199	114,040	55,831	54,292	47,967	46,769	45,119
Beef Cows	37,086	38,726	39,319	38,079	37,660					
Milk Cows	10,779	10,860	11,012	11,076	11,140					
Beef Cow Replacement Heifers	5,939	6,136	6,615	6,343	6,195					
Milk Cow Replacement Heifers	4,158	4,345	4,532	4,533	4,541					
Other Heifers	7,130	7,285	7,181	7,954	7,862					
Steers 500 pounds and over	16,019	15,519	15,501	16,225	16,391					
Bulls 500 pounds and over	2,492	2,547	2,618	2,615	2,550					
Steers, Heifers and Bulls under 500 pounds	27,590	28,904	28,827	28,375	27,701					
Cattle on Feed 4/	12,249	11,598	10,619	12,040	11,609					
ALL HOGS 5/	67,353	64,512	58,688	53,935	55,819	3,775	4,822	4,114	4,853	3,289
Breeding Hogs	9,655	9,148	7,843	7,415	7,352					
Market Hogs	57,699	55,364	50,845	46,519	48,467					
Under 60 pounds	22,845	22,139	19,487	18,628	18,753					
60-119 pounds	15,437	13,982	12,923	11,808	12,333					
120-179 pounds	11,284	11,000	10,437	9,282	9,771					
180 pounds and over	8,133	8,243	7,998	6,802	7,610					
ALL SHEEP AND LAMBS 3/	12,687	12,936	12,966	12,026	11,411	992	903	738	623	594
Stock Sheep	11,065	11,287	11,402	10,385	9,703					
Ewes one year or older	8,524	8,771	8,788	8,267	7,820					
Rams and Wethers one year or older	366	370	388	372	339					
Ewe Lambs	1,807	1,788	1,805	1,407	1,228					
Wether and Ram Lambs	368	357	422	340	316					
Sheep and Lambs on Feed	1,622	1,649	1,564	1,641	1,708					
ALL CHICKENS 5/	400,585	392,110	384,838	378,609	364,584	726,365	738,646	727,188	701,474	716,192
Hens and Pullets of Laying Age	294,933	294,223	293,454	288,968	278,223					

1/ Numbers may not add due to rounding.
2/ Annual average value published only for the total inventory numbers.
3/ Estimates are based on January of the current year.
4/ Total cattle on feed included in other classes.
5/ Estimates are based on December 1 of the previous year.

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS AND GOVERNMENT PAYMENTS: Arizona, 1978-83, preliminary

Commodity Group	1978	1979	1980	1981	1982	1983 1/
			1,000 dollars			
Cotton Lint	292,431	392,889	427,767	446,167	451,974	
Vegetables	173,638	175,277	169,527	199,078	235,445	
Wheat	30,029	34,466	64,838	91,967	38,957	
Hay	59,282	71,619	80,847	73,562	80,097	
Cottonseed	37,303	39,852	49,327	42,921	23,163	
Citrus	48,105	64,161	40,190	42,974	45,169	
Feed Grains	22,936	24,905	28,039	28,268	25,091	
Sugarbeets	7,700	6,054	11,086	10,110	16,683	
Grapes	13,428	12,499	14,438	15,302	13,773	
Other Miscellaneous Crops	74,689	64,102	45,874	45,215	44,609	
Total, All Crops	759,541	885,824	931,933	995,564	974,961	1,000,329
Cattle and Calves	629,086	682,250	600,696	522,914	461,956	
Dairy Products	105,093	118,969	137,634	158,920	167,777	
Hogs	18,520	24,070	22,448	28,743	35,011	
Sheep, Lambs and Wool	10,810	15,205	12,318	10,560	10,986	
Poultry and Eggs	4,731	6,010	4,215	4,580	4,814	
Other Livestock and Products	2,798	3,387	4,432	3,853	1,877	
Total, Livestock and Products	771,038	849,891	781,743	729,570	682,421	675,477
Total, All Commodities	1,530,579	1,735,715	1,713,676	1,725,134	1,657,382	1,675,806
Government Payments	9,172	9,072	5,081	5,860	59,447	111,402
Total Cash Receipts	1,539,751	1,744,787	1,718,757	1,730,994	1,716,829	1,787,208

1/ Only crop and livestock totals and government payments available.

Source: Economic Indicators of the Farm Sector, U.S.D.A., Economic Research Service, January, 1984.

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Crops, Arizona, by counties, 1978-82, preliminary

County	1978	1979	1980	1981	1982
			1,000 dollars		
Apache	11,961	4,816	3,728	2,987	2,925
Cochise	36,199	36,951	38,209	37,831	35,099
Coconino	17,554	10,738	9,319	7,965	8,775
Gila	966	4,052	2,796	1,991	2,925
Graham	17,396	18,064	21,434	17,920	15,599
Greenlee	3,156	2,981	2,796	1,991	1,950
Maricopa	293,466	345,992	377,433	419,133	399,734
Mohave	5,282	7,587	10,251	12,942	12,674
Navajo	6,215	4,286	3,728	3,982	2,925
Pima	20,245	20,849	20,503	18,916	18,524
Pinal	126,112	147,380	174,271	153,317	141,369
Santa Cruz	792	1,972	1,864	1,991	1,950
Yavapai	1,837	7,697	6,524	4,978	5,850
Yuma	218,360	272,509	259,077	309,620	324,662
Arizona	759,541	885,824	931,933	995,564	974,961

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Livestock and livestock products, by Arizona, by counties, 1978-82, preliminary

County	1978	1979	1980	1981	1982
			1,000 dollars		
Apache	28,336	19,107	20,182	18,394	19,040
Cochise	45,090	28,106	27,107	23,804	21,358
Coconino	24,562	16,462	16,767	14,975	14,637
Gila	16,183	10,278	11,465	10,228	9,540
Graham	23,045	20,565	21,136	20,174	18,758
Greenlee	7,082	5,500	6,300	6,243	5,403
Maricopa	246,711	302,520	292,714	301,093	299,615
Mohave	23,488	13,854	14,373	14,656	12,573
Navajo	28,324	23,472	24,777	26,461	27,597
Pima	35,994	29,656	30,310	26,886	24,113
Pinal	169,211	239,654	184,552	149,265	116,353
Santa Cruz	9,473	5,938	5,690	4,627	3,933
Yavapai	35,155	20,799	22,932	21,668	20,369
Yuma	78,384	113,980	103,438	91,096	89,132
Arizona	771,038	849,891	781,743	729,570	682,421

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Total crops and livestock, Arizona, by counties, 1978-82, preliminary

County	1978	1979	1980	1981	1982
			1,000 dollars		
Apache	40,297	23,923	23,910	21,381	21,965
Cochise	81,289	65,057	65,316	61,635	56,457
Coconino	42,116	27,200	26,086	22,940	23,412
Gila	17,149	14,330	14,261	12,219	12,465
Graham	40,441	38,629	42,570	38,094	34,357
Greenlee	10,238	8,481	9,096	8,234	7,353
Maricopa	540,177	648,512	670,147	720,226	699,349
Mohave	28,770	21,441	24,624	27,598	25,247
Navajo	34,539	27,758	28,505	30,443	30,522
Pima	56,239	50,505	50,813	45,802	42,637
Pinal	295,323	387,034	358,823	302,582	257,722
Santa Cruz	10,265	7,860	7,554	6,618	5,883
Yavapai	36,992	28,496	29,456	26,646	26,219
Yuma	296,744	386,489	362,515	400,716	413,794
Arizona	1,530,579	1,735,715	1,713,676	1,725,134	1,657,382

AGRICULTURAL GROSS INCOME, EXPENSES AND NET INCOME: Arizona, 1978-82

Year	Agricultural cash receipts 1/	Government payments 2/	Non-money income 3/	Other farm income 4/	Gross income 5/	Production expenses 6/	Net income before inventory adjustment 7/	Net inventory adjustment 8/	Net income after inventory adjustment 9/
				Million dollars					
1978	1,526.5	9.2	69.5	17.0	1,622.1	1,377.5	244.6	81.6	326.1
1979	1,735.7	9.1	89.3	20.9	1,854.9	1,465.8	389.2	58.5	350.8
1980	1,719.7	5.1	115.1	21.4	1,855.3	1,603.4	251.9	123.9	375.8
1981	1,729.1	5.9	119.2	26.0	1,876.2	1,624.3	251.9	78.4	330.3
1982	1,657.4	59.4	127.7	27.7	1,872.2	1,620.0	252.2	-111.4	140.8

AGRICULTURAL PRODUCTION EXPENSES: Arizona, 1978-82

Year	Feed	Livestock	Seed 10/	Fertilizer	Operation repairs capital items 11/	Hired labor 12/	Miscellaneous 13/	Total current farm operating expenses	Depreciation 14/	Farm property taxes	Interest, farm mortgage debts	Net rent to non-operator landlords	Total production expenses
						Million dollars							
1978	228.4	340.2	12.1	45.0	84.5	172.7	274.7	1,157.7	111.1	30.2	36.9	34.7	1,370.6
1979	249.3	282.4	13.6	49.2	113.8	165.2	339.6	1,213.1	164.1	27.0	40.2	21.4	1,465.8
1980	285.4	235.7	15.4	73.4	140.3	179.7	378.1	1,308.1	185.4	30.8	48.6	32.5	1,603.4
1981	266.4	164.0	16.4	73.3	155.4	187.2	442.8	1,305.6	197.7	31.9	54.6	34.5	1,624.3
1982	257.7	160.1	16.7	64.9	152.4	222.2	443.9	1,297.8	197.7	31.1	58.3	35.0	1,620.0

1/ Represents gross receipts from commercial market sales as well as loans (net of redemption) made or guaranteed by the Commodity Credit Corporation and other purchases under price support programs.

2/ Those payments made directly to farm producers in connection with farm programs.

3/ Includes the rental value of housing provided by farm dwellings and the value of farm products consumed directly in farm households.

4/ Includes cash income from such sources as recreation, machine hire, and custom work.

5/ Sum of agricultural cash receipts, government payments, non-money income, and other farm income.

6/ Costs incurred in farm production as defined for the sector. Includes current farm operating expenses for such items as wages paid to hired farm workers (in cash and in kind), outlays for repairs of farm equipment and operation of the farm, as well as purchases of oil, feed, and livestock. Overhead-type costs include charges for depreciation and other capital consumption, taxes on farm property, and interest.

7/ Gross income minus production expenses.

8/ The estimated physical change in livestock and crops owned by farmers, valued at average prices prevailing during the year.

9/ Net income before inventory change minus net inventory change.

10/ Includes bulbs, plants and trees.

11/ Repairs and maintenance of buildings, repairs and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business.

12/ Includes cash wages, prequisites, and Social Security taxes paid by employers.

13/ Includes binding, cotton ginning, federal crop insurance, containers, dairy supplies, electricity, greenhouse and nursery products, grazing fees, harness and saddlery, net insurance premiums (fire, wind and crop hail), irrigation, livestock marketing service (excluding feed and transportation), milk hauling, miscellaneous hardware (including blacksmithing), machine hire and custom work, miscellaneous livestock and poultry supplies, pesticides, small handtools, short-term interest, telephones (business share), veterinary services and medicines (including insemination), and other miscellaneous.

14/ Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment.

Source: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, 1982, U.S.D.A., - Economic Research Service, January, 1984.

FIELD CROPS

The new year began with weather conditions quite favorable for field crop activities. Cotton growers were busy winding up harvest of the 1982 crop and working to meet plowdown dates. Seedbed preparation and planting of wheat and barley were active with half the crops seeded by mid-January. The favorable conditions were short-lived with most stations in the state receiving about double the normal rainfall during the February-March rainy season. Seedbed preparation and pre-plant irrigation were active for the 1983 cotton crop as weather conditions permitted. Some cotton was planted in Yuma County in early March with seeding increasing the latter part of the month. Plants were emerging and some stands were established by the end of March on earlier seeded fields in Yuma. Central and southeastern areas were winding down pre-plant activities with little or none planted.

The April through June period was one of the busier times for Arizona's farmers. There was very little rainfall, however temperatures remained below average in most areas through mid-May. The cooler temperatures delayed cotton plant emergence in the southeastern areas. Some replanting was necessary in all areas as a result of cloddy soils and high winds. Corn and sorghum growers were busy with pre-plant activities in early April with planting starting in the central and southeast by May 1. Stands were established in most fields by the end of the first week in June. Seeding of Arizona's smaller cotton crop of 291,000 acres of Upland and 29,700 acres of Pima, was complete by the end of May. The crop was one to two weeks behind normal through early June but by the end of June both squaring and boll setting were slightly ahead of average. Wheat and barley harvests were past their peaks by the end of June in the central and west and well underway in the southeast. Alfalfa haying was in full swing in the central and west by mid-May and got underway in the southeast by June 1.

The third quarter began with hot dry weather conditions but by mid-July the monsoon had hit. Rainfall was considerably above average on through most of August. Harvest of the wheat and barley crops was practically complete by mid-July. Safflower harvest began by July 1 and was complete by the end of the month. By the end of August the cotton crop was lagging behind normal progress and continued to do so on through September. Cotton bolls began to open in Yuma in early August and in other areas by September 1. Bolls had begun opening on 90 percent of the cotton acreage by the end of September. The corn and sorghum crops made normal progress during this period. Harvest of early maturing sorghum got underway the first half of September and corn harvest got underway the last half of the month. Alfalfa harvest continued active during this period with some rain delays.

The October through December period began with record rainfall to the eastern two-thirds of the state with washes and streams going over their banks. Extensive flooding occurred. The farming areas hardest hit were the Santa Cruz River areas in Pinal and Pima counties, and the Gila River Valley and Bonita areas in Graham County. Cotton picking was at a peak in Yuma County by the end of October and well underway in other areas. With very little rainfall the remainder of the year, cotton harvest made good progress and 99 percent of the acreage was picked over at least once by mid-December compared to 75-80 percent the previous year. This was in part due to the smaller 1983 cotton crop. Wheat and barley seeding for the 1984 crops was underway in all areas by the first of December and was nearly 60 percent complete by the end of the month. Corn and sorghum harvests were active in October and neared completion by mid-December in major producing areas.

UPLAND COTTON: Acreage, yield and production, Arizona, by counties, 1979-83 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
APACHE					COCHISE				
1979	*				1979	32,100	30,100	435	27,300
1980	*				1980	27,300	26,800	627	35,000
1981	*				1981	35,700	35,200	682	50,000
1982	*				1982	28,600	28,100	530	31,000
1983	*				1983	16,900	16,400	720	24,600
COCONINO					GILA				
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
1983	*				1983	*			
GRAHAM					GREENLEE				
1979	14,200	14,000	720	21,000	1979	1,300	1,300	480	1,300
1980	11,800	11,700	1,050	25,600	1980	750	750	704	1,100
1981	16,600	16,500	954	32,800	1981	900	900	907	1,700
1982	12,100	12,000	856	21,400	1982	1,100	1,100	698	1,600
1983	8,800	7,850	783	12,800	1983	660	660	989	1,360
LA PAZ					MARICOPA				
					1979	242,000	241,000	1,170	587,200
					1980	228,000	227,800	1,275	605,200
					1981	239,600	239,400	1,390	693,500
					1982	181,200	181,000	1,248	470,600
1983	20,900	20,800	1,191	51,600	1983	115,200	114,300	1,340	319,000
MOHAVE					NAVAJO				
1979	6,000	5,800	737	8,900	1979	*			
1980	5,950	5,950	904	11,200	1980	*			
1981	6,500	6,500	849	11,500	1981	*			
1982	5,500	5,500	969	11,100	1982	*			
1983	3,540	3,540	968	7,140	1983	*			
PIMA					PINAL				
1979	21,400	21,000	798	34,900	1979	159,500	158,800	1,056	349,500
1980	17,900	17,900	847	31,600	1980	150,200	150,100	1,186	370,900
1981	19,800	19,800	812	33,500	1981	153,700	153,600	1,372	439,000
1982	15,700	15,700	911	29,800	1982	134,300	134,200	1,112	311,000
1983	10,100	8,250	931	16,000	1983	79,000	76,400	1,246	198,400
SANTA CRUZ					YAVAPAI				
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
1983	*				1983	*			

UPLAND COTTON: Acreage, yield and production, Arizona, by counties, 1979-83 1/ (Cont'd)

Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs.	Bales
YUMA				
1979	103,500	103,000	1,165	249,900
1980	108,100	108,000	1,215	273,400
1981	127,200	127,100	1,110	294,000
1982	87,500	87,400	1,200	218,500
1983	35,900	35,800	1,262	94,100

1/ Production estimates are for 480 pound net weight bales.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

UPLAND COTTON: Acreage, yield, production and value, Arizona, 1979-83 1/

Year	Planted	Harvested	Yield per harvested acre	Lint		
				Production	Price per lb. 2/	Value of production
	1,000 Acres		Lbs.	1,000 Bales	Cents	1,000 Dol.
1979	580.0	575.0	1,069	1,280.0	68.1	418,406
1980	550.0	549.0	1,184	1,354.0	74.2	482,241
1981	600.0	599.0	1,247	1,556.0	56.0	418,253
1982	466.0	465.0	1,130	1,095.0	60.5	317,988
1983	291.0	284.0	1,225	725.0	68.1	236,988

1/ Production estimates are for 480 pound net weight bales.
2/ Average price for the August through July marketing season.

UPLAND COTTON: Farm marketings, Arizona, 1978-79 - 1982-83

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
						Percent						
1978-79	1	5	18	25	18	10	12	3	2	1	2	3
1979-80	0	1	13	23	22	19	5	2	2	2	3	2
1980-81	0	1	13	18	10	14	11	3	5	5	4	5
1981-82	2	1	9	17	18	20	12	8	9	1	2	1
1982-83	1	4	10	20	15	15	16	4	3	2	4	6

UPLAND COTTON: Monthly and season average prices received by growers, Arizona, 1979-80-1983-84

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Season average
						Cents per pound							
1979-80	53.3	64.5	63.9	64.2	68.7	68.8	73.1	70.2	63.6	75.0	77.0	79.0	68.1
1980-81	81.0	91.9	73.2	74.9	80.4	79.0	78.5	76.2	69.2	71.8	70.8	70.2	74.2
1981-82	62.9	59.4	63.9	64.3	54.6	53.2	49.9	53.6	56.1	60.3	59.9	63.8	56.0
1982-83	58.3	56.0	61.0	61.7	59.5	59.3	58.0	53.0	59.5	65.4	72.1	72.8	60.5
1983-84 1/	78.9	70.0	66.7	64.6	73.4								70.6

1/ Preliminary.

AMERICAN PIMA COTTON: Acreage, yield and production, Arizona, by counties, 1979-83 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
APACHE					COCHISE				
1979	*				1979	4,200	4,150	397	3,430
1980	*				1980	5,150	5,050	542	5,700
1981	*				1981	1,000	900	480	900
1982	*				1982	750	700	309	450
1983	*				1983	860	860	603	1,080
COCONINO					GILA				
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
1983	*				1983	*			
GRAHAM					GREENLEE				
1979	9,950	9,900	542	11,170	1979	*			
1980	7,300	7,250	761	11,500	1980	*			
1981	6,550	6,500	685	9,350	1981	*			
1982	11,400	11,400	665	15,800	1982	*			
1983	7,900	7,900	656	10,800	1983	*			
LA PAZ					MARICOPA				
					1979	9,650	9,600	995	19,890
					1980	11,500	11,500	902	21,600
					1981	11,650	11,600	852	20,600
					1982	10,100	10,050	860	18,000
1983	3,840	3,830	952	7,600	1983	6,850	6,850	876	12,500
MOHAVE					NAVAJO				
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
1983	*				1983	*			
PIMA					PINAL				
1979	3,150	3,150	568	3,730	1979	9,650	9,600	800	15,990
1980	2,350	2,350	715	3,500	1980	9,350	9,300	929	18,000
1981	2,150	2,150	424	1,900	1981	6,150	6,150	874	11,200
1982	2,800	2,700	578	3,250	1982	9,300	9,300	852	16,500
1983	1,540	1,450	543	1,640	1983	8,400	8,300	758	13,100
SANTA CRUZ					YAVAPAI				
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
1983	*				1983	*			

AMERICAN PIMA COTTON: Acreage, yield and production, Arizona, by counties, 1979-83 1/ (Cont'd)

Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs.	Bales
YUMA				
1979	6,900	6,900	890	12,790
1980	6,650	6,650	866	12,000
1981	6,300	6,250	749	9,750
1982	7,450	7,450	767	11,900
1983	110	110	785	180

1/ Production estimates are for 480 pound net weight bales.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

AMERICAN PIMA COTTON: Acreage, yield, production and value, Arizona, 1979-83 1/

Year	Planted	Harvested	Yield per harvested acre	Lint		
				Production	Price per lbs. 2/	Value of production
	1,000 Acres		Lbs.	1,000 Bales	Cents	1,000 Dol.
1979	43.5	43.3	743	67.0	101.0	32,482
1980	42.3	42.1	824	72.3	108.0	37,480
1981	33.8	33.6	767	53.7	94.0	24,229
1982	41.8	41.6	760	65.9	96.8	30,620
1983	29.5	29.3	768	46.9	103.0	23,187

1/ Production estimates are for 480 pound net weight bales.

2/ Average price for the August through July marketing season.

AMERICAN PIMA COTTON: Farm marketings, Arizona, 1978-79 - 1982-83

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
						Percent						
1978-79	0	0	0	3	17	31	21	24	1	0	3	0
1979-80	0	0	0	2	50	42	4	2	0	0	0	0
1980-81	0	0	1	13	20	42	19	3	1	1	0	0
1981-82	0	2	0	3	24	22	40	4	1	4	0	0
1982-83	0	0	5	13	33	29	16	2	2	0	0	0

AMERICAN PIMA COTTON: Monthly and season average prices received by growers, Arizona, 1979-80-1983-84

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Season average
						Cents per pound							
1979-80	--	--	--	99.8	98.3	103.1	102.6	98.5	102.0	--	--	--	101.0
1980-81	--	--	115.0	110.1	112.7	108.8	102.1	102.6	82.6	106.9	--	--	108.0
1981-82	--	107.5	102.9	103.8	102.6	96.2	87.1	72.8	82.5	114.7	--	--	94.0
1982-83	--	--	103.8	103.5	103.2	97.3	95.9	90.6	80.7	--	--	--	96.8
1983-84 1/	--	--	111.5	111.2	--								112.0

1/ Preliminary.

ALL COTTON: Acreage, yield and production, Arizona, by counties, 1979-83 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs	Bales		Acres		Lbs.	Bales
APACHE					COCHISE				
1979	*				1979	36,300	34,250	431	30,730
1980	*				1980	32,450	31,850	613	40,700
1981	*				1981	36,700	36,100	677	50,900
1982	*				1982	29,350	28,800	524	31,450
1983	*				1983	17,760	17,260	714	25,680
COCONINO					GILA				
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
1983	*				1983	*			
GRAHAM					GREENLEE				
1979	24,150	23,900	646	32,170	1979	1,300	1,300	480	1,300
1980	19,100	18,950	940	37,100	1980	750	750	704	1,100
1981	23,150	23,050	878	42,150	1981	900	900	907	1,700
1982	23,500	23,400	763	37,200	1982	1,100	1,100	698	1,600
1983	16,700	15,750	719	23,600	1983	660	660	989	1,360
LA PAZ					MARICOPA				
					1979	251,650	250,600	1,163	607,090
					1980	239,500	239,300	1,257	626,800
					1981	251,250	251,000	1,366	714,100
					1982	191,300	191,050	1,228	488,600
1983	24,740	24,630	1,154	59,200	1983	122,050	121,150	1,313	331,500
MOHAVE					NAVAJO				
1979	6,000	5,800	737	8,900	1979	*			
1980	5,950	5,950	904	11,200	1980	*			
1981	6,500	6,500	849	11,500	1981	*			
1982	5,500	5,500	969	11,100	1982	*			
1983	3,540	3,540	968	7,140	1983	*			
PIMA					PINAL				
1979	24,550	24,150	768	38,630	1979	169,150	168,400	1,042	365,490
1980	20,250	20,250	832	35,100	1980	159,550	159,400	1,171	388,900
1981	21,950	21,950	774	35,400	1981	159,850	159,750	1,353	450,200
1982	18,500	18,400	862	33,050	1982	143,600	143,500	1,095	327,500
1983	11,640	9,700	873	17,640	1983	87,400	84,700	1,199	211,500
SANTA CRUZ					YAVAPAI				
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
1983	*				1983	*			

ALL COTTON: Acreage, yield and production, Arizona, by counties, 1979-83 1/ (Cont'd)

Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs.	Bales
YUMA				
1979	110,400	109,900	1,147	262,690
1980	114,750	114,650	1,195	285,400
1981	133,500	133,350	1,093	303,750
1982	94,950	94,850	1,166	230,400
1983	36,010	35,910	1,260	94,280

1/ Production estimates are for 480 pound net weight bales.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

ALL COTTON: Acreage, yield, production and value, Arizona, 1979-83 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Value of production
	1,000 Acres		Lbs.	1,000 Bales	1,000 Dol.
1979	623.5	618.3	1,046	1,347.0	450,888
1980	592.3	591.1	1,158	1,426.3	519,721
1981	633.8	632.6	1,221	1,609.7	442,482
1982	507.8	506.6	1,100	1,160.9	348,608
1983	320.5	313.3	1,183	771.9	260,175

1/ Production estimates are for 480 pound net weight bales.

ALL COTTON: Farm marketings, Arizona, 1978-79 - 1982-83

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
						Percent						
1978-79	0	1.0	5.0	18.0	25.0	18.0	10.0	12.0	3.0	2.0	1.0	2.0
1979-80	0	1.0	13.0	23.0	22.0	19.0	5.0	2.0	2.0	2.0	3.0	2.0
1980-81	0	1.0	13.0	18.0	10.0	14.0	11.0	3.0	5.0	5.0	4.0	5.0
1981-82	1.8	1.4	9.1	17.3	18.5	19.5	11.5	7.5	9.0	1.5	1.8	1.1
1982-83	.8	3.8	9.6	20.0	15.9	16.3	16.3	4.6	2.5	1.9	3.5	4.8

COTTONSEED: Production, disposition, price and value, Arizona 1979-83

Year	Production	Farm disposition		Used for planting 1/	Season average price 2/	Value of production	Value of sales to oil mills
		Sales to oil mills	Other uses				
	1,000 Tons				Dollars	1,000 Dollars	
1979	530.0	326.0	204.0	6.3	110.00	58,300	35,860
1980	583.0	449.0	134.0	5.1	122.00	71,126	54,329
1981	631.0	490.0	141.0	4.3	83.00	52,373	40,670
1982	495.0	262.0	233.0	2.9	80.00	39,600	20,960
1983 3/	302.4	251.3	51.1	4.7	169.00	51,106	42,470

1/ Included in other uses.

2/ Average price for the August through July marketing season.

3/ Preliminary.

ALFALFA HAY: Acreage, yield and production, Arizona, by counties, 1979-83 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				COCHISE			
1979	1,500	3.0	4,500	1979	8,000	6.4	51,000
1980	1,600	2.7	4,300	1980	10,000	6.0	60,000
1981	1,900	3.2	6,100	1981	10,500	6.4	67,600
1982	1,900	3.2	6,100	1982	8,400	6.6	55,100
1983	1,800	3.5	6,300	1983	7,600	6.4	48,700
COCONINO				GILA			
1979	300	5.0	1,500	1979	400	3.0	1,200
1980	500	4.6	2,300	1980	400	3.0	1,200
1981	500	4.8	2,400	1981	100	4.0	400
1982	400	4.8	1,900	1982	100	4.0	400
1983	400	4.8	1,900	1983	100	4.0	400
GRAHAM				GREENLEE			
1979	6,600	5.8	38,500	1979	1,000	5.0	5,000
1980	7,500	6.3	47,000	1980	1,000	5.5	5,500
1981	6,000	6.1	36,800	1981	900	5.9	5,300
1982	5,000	5.6	27,800	1982	500	6.0	3,000
1983	5,000	6.6	33,100	1983	500	6.0	3,000
LA PAZ				MARICOPA			
				1979	57,000	6.4	365,000
				1980	55,000	7.4	406,000
				1981	51,000	7.5	382,500
				1982	51,400	7.8	399,800
1983	25,300	7.2	182,300	1983	46,000	8.0	368,000
MOHAVE				NAVAJO			
1979	3,000	7.0	21,000	1979	4,900	3.0	14,700
1980	3,200	6.8	21,800	1980	5,000	3.5	17,500
1981	4,000	6.4	25,400	1981	4,800	3.2	15,500
1982	6,400	7.0	44,800	1982	4,800	3.0	14,400
1983	6,000	6.9	41,400	1983	4,300	3.1	13,200
PIMA				PINAL			
1979	1,900	6.0	11,400	1979	14,000	6.2	87,000
1980	2,000	5.5	11,000	1980	15,000	6.4	95,500
1981	1,400	5.9	8,200	1981	13,500	6.4	86,600
1982	1,300	6.0	7,800	1982	14,800	6.8	101,000
1983	1,200	6.5	7,800	1983	13,000	6.5	84,500
SANTA CRUZ				YAVAPAI			
1979	1,200	6.0	7,200	1979	2,200	5.0	11,000
1980	1,300	4.9	6,400	1980	2,500	4.2	10,500
1981	1,500	4.9	7,300	1981	2,900	4.2	12,200
1982	1,300	5.8	7,500	1982	3,200	4.5	14,400
1983	1,300	5.8	7,600	1983	3,000	4.3	12,900

ALFALFA HAY: Acreage, yield and production, Arizona, by counties, 1979-83 1/ (Cont'd)

Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons
YUMA			
1979	58,000	7.0	405,000
1980	60,000	7.8	466,000
1981	61,000	7.6	463,700
1982	60,500	8.0	484,000
1983	29,500	8.4	247,900

1/ Does not include green chop or grazed.

ALFALFA HAY: Acreage, yield and production, Arizona 1979-83 1/

Year	Harvested	Yield per acre	Production
	1,000 acres	Tons	1,000 tons
1979	160	6.4	1,024
1980	165	7.0	1,155
1981	160	7.0	1,120
1982	160	7.3	1,168
1983	145	7.3	1,059

1/ Does not include green chop or grazed.

ALFALFA HAY: Monthly prices received by growers, Arizona, 1979-80-1983-84 1/

Year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
						Dollars per ton						
1979-80	75.00	80.00	81.00	80.00	76.00	82.50	80.00	89.00	90.00	107.00	107.00	95.00
1980-81	90.00	84.00	77.00	66.50	72.50	77.50	84.50	89.50	94.00	96.00	98.00	94.00
1981-82	88.00	79.00	71.00	71.00	62.00	63.00	69.00	75.00	75.00	79.00	78.00	76.00
1982-83	82.00	85.00	70.00	64.00	62.00	66.00	74.00	76.00	81.00	81.00	83.00	94.00
1983-84 2/	92.00	101.00	91.00	82.00	77.00	80.00	95.00	92.00	99.00			

1/ Does not include green chop or grazed.
2/ Preliminary.

OTHER HAY: Acreage, yield and production, Arizona, by counties, 1979-83 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				COCHISE			
1979	3,200	1.5	4,800	1979	1,400	1.8	2,500
1980	3,000	2.3	6,800	1980	800	5.4	4,300
1981	2,000	2.3	4,600	1981	1,000	3.6	3,600
1982	1,800	2.3	4,100	1982	200	4.5	900
1983	1,800	3.0	5,400	1983	300	4.7	1,400
COCONINO				GILA			
1979	600	2.2	1,300	1979	400	1.5	600
1980	800	2.9	2,300	1980	300	1.7	500
1981	600	2.7	1,600	1981	500	2.2	1,100
1982	500	2.6	1,300	1982	400	2.0	800
1983	500	3.0	1,500	1983	400	2.5	1,000
GRAHAM				GREENLEE			
1979	900	1.8	1,600	1979	500	2.0	1,000
1980	1,000	3.3	3,300	1980	*		
1981	900	3.7	3,300	1981	200	2.0	400
1982	900	4.0	3,600	1982	100	2.0	200
1983	900	3.5	3,150	1983	100	2.5	250
LA PAZ				MARICOPA			
				1979	9,200	2.7	24,600
				1980	9,000	4.4	40,000
				1981	7,500	3.7	27,400
				1982	7,300	3.0	22,100
1983	3,500	4.8	16,800	1983	7,500	4.6	34,700
MOHAVE				NAVAJO			
1979	500	2.0	1,000	1979	1,500	1.5	2,300
1980	500	2.4	1,200	1980	1,500	2.3	3,400
1981	500	2.2	1,100	1981	1,600	2.0	3,200
1982	1,000	2.0	2,000	1982	1,500	2.1	3,100
1983	1,000	2.5	2,500	1983	1,500	2.3	3,500
PIMA				PINAL			
1979	500	2.4	1,200	1979	2,500	2.3	5,700
1980	500	4.0	2,000	1980	3,000	3.7	11,000
1981	500	3.2	1,600	1981	2,500	3.4	8,400
1982	400	3.5	1,400	1982	2,200	2.9	6,400
1983	400	3.5	1,400	1983	2,000	3.1	6,200
SANTA CRUZ				YAVAPAI			
1979	400	2.0	800	1979	2,300	2.0	4,600
1980	600	2.3	1,400	1980	2,000	2.9	5,800
1981	1,000	2.1	2,100	1981	2,200	2.1	4,600
1982	1,300	2.0	2,600	1982	400	2.0	800
1983	1,300	2.3	3,000	1983	600	3.0	1,800

OTHER HAY: Acreage, yield and production, Arizona, by counties, 1979-83 1/ (Cont'd)

Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons
YUMA			
1979	6,100	2.8	17,000
1980	7,000	3.3	23,000
1981	9,000	3.7	33,000
1982	7,000	3.4	23,700
1983	3,200	4.8	15,400

1/ Does not include green chop or grazed.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

OTHER HAY: Acreage, yield and production, Arizona, 1979-83 1/

Year	Harvested	Yield per acre	Production
	1,000 acres	Tons	1,000 tons
1979	30	2.3	69
1980	30	3.5	105
1981	30	3.2	96
1982	25	2.9	73
1983	25	3.9	98

1/ Does not include green chop or grazed.

OTHER HAY: Monthly prices received by growers, Arizona, 1979-80-1983-84 1/

Year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
						Dollars per ton						
1979-80	62.00	65.00	68.00	66.00	64.00	67.00	68.00	76.00	85.00	89.00	89.00	75.00
1980-81	64.00	66.00	55.00	52.50	58.00	62.50	65.50	57.50	47.00	78.00	80.00	56.00
1981-82	--	61.00	60.00	59.00	61.00	58.00	60.00	56.00	66.00	60.00	55.00	40.00
1982-83	61.00	--	--	51.00	52.00	53.00	55.00	48.00	49.00	58.00	61.00	61.00
1983-84 2/	63.00	65.00	55.00	57.00	58.00	65.00	66.00	63.00	71.00			

1/ Does not include green chop or grazed.

2/ Preliminary.

ALL HAY: Acreage, yield and production, Arizona, by counties, 1979-83 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				COCHISE			
1979	4,700	2.0	9,300	1979	9,400	5.7	53,500
1980	4,600	2.4	11,100	1980	10,800	6.0	64,300
1981	3,900	2.7	10,700	1981	11,500	6.2	71,200
1982	3,700	2.8	10,200	1982	8,600	6.5	56,000
1983	3,600	3.3	11,700	1983	7,900	6.3	50,100
COCONINO				GILA			
1979	900	3.1	2,800	1979	800	2.3	1,800
1980	1,300	3.5	4,600	1980	700	2.4	1,700
1981	1,100	3.6	4,000	1981	600	2.5	1,500
1982	900	3.6	3,200	1982	500	2.4	1,200
1983	900	3.8	3,400	1983	500	2.8	1,400
GRAHAM				GREENLEE			
1979	7,500	5.3	40,100	1979	1,500	4.0	6,000
1980	8,500	5.9	50,300	1980	1,000	5.5	5,500
1981	6,900	5.8	40,100	1981	1,100	5.2	5,700
1982	5,900	5.3	31,400	1982	600	5.3	3,200
1983	5,900	6.1	36,250	1983	600	5.4	3,250
LA PAZ				MARICOPA			
				1979	66,200	5.9	389,600
				1980	64,000	7.0	446,000
				1981	58,500	7.0	409,900
				1982	58,700	7.2	421,900
1983	28,800	6.9	199,100	1983	53,500	7.5	402,700
MOHAVE				NAVAJO			
1979	3,500	6.3	22,000	1979	6,400	2.7	17,000
1980	3,700	6.2	23,000	1980	6,500	3.2	20,900
1981	4,500	5.9	26,500	1981	6,400	2.9	18,700
1982	7,400	6.3	46,800	1982	6,300	2.8	17,500
1983	7,000	6.3	43,900	1983	5,800	2.9	16,700
PIMA				PINAL			
1979	2,400	5.3	12,600	1979	16,500	5.6	92,700
1980	2,500	5.2	13,000	1980	18,000	5.9	106,500
1981	1,900	5.2	9,800	1981	16,000	5.9	95,000
1982	1,700	5.4	9,200	1982	17,000	6.3	107,400
1983	1,600	5.8	9,200	1983	15,000	6.0	90,700
SANTA CRUZ				YAVAPAI			
1979	1,600	5.0	8,000	1979	4,500	3.5	15,600
1980	1,900	4.1	7,800	1980	4,500	3.6	16,300
1981	2,500	3.8	9,400	1981	5,100	3.3	16,800
1982	2,600	3.9	10,100	1982	3,600	4.2	15,200
1983	2,600	4.1	10,600	1983	3,600	4.1	14,700

ALL HAY: Acreage, yield and production, Arizona, by counties, 1979-83 1/ (Cont'd)

Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons
YUMA			
1979	64,100	6.6	422,000
1980	67,000	7.3	489,000
1981	70,000	7.1	496,700
1982	67,500	7.5	507,700
1983	32,700	8.1	263,300

1/ Does not include green chop or grazed.

ALL HAY: Acreage, yield, production, price and value, Arizona, 1979-83 1/

Year	Harvested	Yield per acre	Production	Season average price 2/	Value of production
	1,000 Acres	Tons	1,000 Tons	Dol./Ton	1,000 Dol.
1979	190	5.8	1,093	81.00	88,533
1980	195	6.5	1,260	82.50	103,950
1981	190	6.4	1,216	74.00	89,984
1982	185	6.7	1,241	73.50	91,214
1983	170	6.8	1,157	91.00	105,287

1/ Does not include green chop or grazed.
2/ Average price for the April through March marketing season.

ALL HAY: Farm marketings, Arizona, 1978-79-1982-83

Year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
						Percent						
1978-79	10	14	14	13	12	8	8	8	3	3	3	4
1979-80	10	12	13	14	12	8	9	7	5	4	3	3
1980-81	5	8	9	12	12	10	11	8	6	5	7	7
1981-82	11	15	6	10	10	7	10	6	8	5	6	6
1982-83	8	12	16	13	10	10	6	6	4	5	5	5

ALL HAY: Monthly and season average prices received by growers, Arizona, 1979-80-1983-84 1/

Year.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Season average
						Dollars per ton							
1979-80	74.00	79.00	80.00	79.00	75.50	81.50	79.50	88.00	90.00	106.00	106.00	93.00	81.00
1980-81	88.00	83.00	76.50	66.00	72.00	77.50	84.50	88.50	92.00	95.00	98.00	93.00	82.50
1981-82	88.00	79.00	71.00	70.00	62.00	63.00	69.00	74.00	75.00	79.00	78.00	76.00	74.00
1982-83	80.00	85.00	70.00	64.00	62.00	66.00	73.00	74.00	77.00	78.00	82.00	91.00	73.50
1983-84 2/	96.00	100.00	91.00	78.00	74.00	78.00	92.00	90.00	97.00				91.00

1/ Does not include green chop or grazed.
2/ Preliminary.

DURUM WHEAT: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1979	*				1979	2,000	2,000	4,200	4,200
1980	*				1980	1,500	1,400	4,500	3,150
1981	*				1981	1,000	1,000	5,520	2,760
1982	*				1982	*			
1983	*				1983	*			
COCONINO					GILA				
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	300	300	3,960	590
1982	*				1982	*			
1983	*				1983	*			
GRAHAM					GREENLEE				
1979	1,000	1,000	3,960	1,980	1979	*			
1980	1,500	1,400	4,320	3,020	1980	*			
1981	1,500	1,400	5,230	3,660	1981	200	200	5,160	520
1982	500	400	6,470	1,290	1982	200	200	6,000	600
1983	400	400	6,540	1,310	1983	200	200	6,000	600
LA PAZ					MARICOPA				
					1979	24,000	22,700	4,440	50,390
					1980	91,000	88,000	4,880	214,980
					1981	120,000	119,600	5,370	321,000
					1982	29,600	29,300	5,690	83,390
1983	1,800	1,700	5,700	4,850	1983	24,800	18,900	5,790	54,700
MOHAVE					NAVAJO				
1979	1,000	1,000	3,000	1,500	1979	*			
1980	1,000	1,000	3,600	1,800	1980	*			
1981	5,000	5,000	4,800	12,000	1981	*			
1982	3,500	3,500	5,180	9,070	1982	*			
1983	3,000	3,000	5,280	7,920	1983	*			
PIMA					PINAL				
1979	2,000	1,800	4,320	3,890	1979	31,000	28,500	4,320	61,610
1980	3,000	2,900	4,260	6,180	1980	50,000	48,500	4,600	111,570
1981	4,000	4,000	4,860	9,720	1981	71,000	70,700	4,670	165,000
1982	3,700	3,700	5,040	9,320	1982	36,300	35,800	5,040	90,180
1983	3,500	3,300	5,130	8,460	1983	26,900	23,200	5,040	58,460
SANTA CRUZ					YAVAPAI				
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
1983	*				1983	*			

DURUM WHEAT: Acreage, yield and production, Arizona, by counties, 1979-83 (Cont'd)

Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/
YUMA				
1979	14,000	13,000	5,220	33,930
1980	12,000	11,800	5,300	31,300
1981	13,000	12,800	5,150	33,000
1982	6,000	5,900	5,620	16,580
1983	4,200	4,100	5,700	11,690

1/ Converted from 60 pound bushels and rounded.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

DURUM WHEAT: Acreage, yield, production, price and value, Arizona, 1979-83

Year	Planted for all purposes	FOR GRAIN				
		Harvested	Yield per acre	Production	Season average price 1/	Value of production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1979	75	70	4,500	157,500	128.00	20,160
1980	160	155	4,800	372,000	139.00	51,708
1981	216	215	5,100	548,250	158.70	86,989
1982	80	79	5,340	210,930	118.00	24,890
1983	65	55	5,400	148,500	136.70	20,295

1/ Average price for the May through April marketing season.

2/ Converted from 60 pounds bushels and rounded.

DURUM WHEAT: Farm marketings, Arizona, 1978-79-1982-83

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
	Percent											
1978-79	35	10	31	6	8	1	2	1	1	1	3	1
1979-80	3	62	10	7	6	6	1	1	1	1	1	1
1980-81	14	60	8	7	4	1	1	1	1	1	1	1
1981-82	20	65	5	1	1	1	1	1	1	2	1	1
1982-83	13	60	12	2	1	2	1	2	2	3	1	1

DURUM WHEAT: Monthly and season average prices received by growers, Arizona, 1979-80-1983-84

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season average
	Dollars per ton												
1979-80	109.00	127.00	136.00	146.00	130.00	143.70	--	--	--	131.30	--	137.00	128.00
1980-81	133.00	139.70	131.00	137.00	164.30	--	--	--	180.00	180.00	170.00	148.00	139.00
1981-82	167.00	159.70	155.00	139.00	136.70	123.00	120.00	120.70	127.70	129.70	135.30	115.30	158.70
1982-83	116.30	118.00	108.70	117.30	--	133.00	118.00	131.30	119.70	120.00	--	121.30	118.00
1983-84 1/	140.00	131.00	135.00	138.30	133.00	140.00	135.00	135.00					136.70

1/ Preliminary.

OTHER WHEAT: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all pusposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1979	200	*			1979	2,500	2,000	3,780	3,780
1980	300	*			1980	2,000	1,800	4,710	4,240
1981	200	*			1981	1,800	1,800	4,920	4,430
1982	200	200	2,130	210	1982	1,500	1,500	4,650	3,490
1983	200	200	2,550	260	1983	1,500	1,400	5,520	3,860
COCONINO					GILA				
1979	800	*			1979	*			
1980	1,700	1,500	3,720	2,790	1980	*			
1981	1,000	800	3,900	1,560	1981	*			
1982	500	400	3,000	600	1982	*			
1983	500	400	3,900	780	1983	*			
GRAHAM					GREENLEE				
1979	1,500	1,400	3,960	2,770	1979	500	300	3,000	450
1980	5,000	4,600	4,500	10,350	1980	1,000	1,000	4,320	2,160
1981	3,000	2,800	5,400	7,560	1981	800	800	4,860	1,940
1982	3,800	3,700	5,600	10,360	1982	700	700	4,760	1,670
1983	4,800	4,500	5,850	13,160	1983	800	800	5,160	2,060
LA PAZ					MARICOPA				
					1979	11,000	10,800	4,440	23,980
					1980	10,000	9,000	4,860	21,870
					1981	6,000	5,700	5,700	16,250
					1982	25,100	24,600	5,380	66,140
1983	8,300	7,700	6,120	23,560	1983	27,200	24,500	5,850	71,660
MOHAVE					NAVAJO				
1979	4,000	3,500	3,600	6,300	1979	700	500	3,000	750
1980	4,000	3,700	3,900	7,210	1980	1,000	800	3,120	1,250
1981	500	500	4,200	1,050	1981	900	700	2,280	800
1982	*				1982	1,000	1,000	2,130	1,070
1983	*				1983	1,100	1,000	2,760	1,380
PIMA					PINAL				
1979	1,000	800	4,200	1,680	1979	12,000	11,700	4,640	27,130
1980	500	300	4,320	650	1980	16,000	15,000	4,560	34,200
1981	700	600	4,560	1,370	1981	10,000	9,500	5,100	24,220
1982	900	800	4,260	1,700	1982	4,500	4,500	4,540	10,220
1983	900	800	5,280	2,110	1983	4,800	4,200	5,250	11,030
SANTA CRUZ					YAVAPAI				
1979	1,000	*			1979	1,000	700	3,000	1,050
1980	500	400	3,900	780	1980	1,000	900	2,400	1,080
1981	300	300	4,080	610	1981	800	600	2,400	720
1982	*				1982	1,100	1,000	2,350	1,180
1983	*				1983	1,200	1,100	2,700	1,490

OTHER WHEAT: Acreage, yield and production, Arizona, by counties, 1979-83 (Cont'd)

Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/
YUMA				
1979	23,800	23,300	5,220	60,810
1980	22,000	21,000	5,470	57,420
1981	19,000	18,900	4,930	46,560
1982	25,500	25,400	5,060	64,330
1983	18,500	17,200	6,120	52,630

1/ Converted from 60 pound bushels and rounded.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

OTHER WHEAT: Acreage, yield, production, price and value, Arizona, 1979-83

Year	Planted for all purposes	FOR GRAIN				
		Harvested	Yield per acre	Production	Season average price 1/	Value of production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1979	60	55	4,680	128,700	115.00	14,801
1980	65	60	4,800	144,000	126.00	18,144
1981	45	43	4,980	107,070	128.70	13,776
1982	65	64	5,040	161,280	122.70	19,784
1983	70	64	5,760	184,320	133.30	24,576

1/ Average price for the May through April marketing season.
2/ Converted from 60 pound bushels and rounded.

OTHER WHEAT: Farm marketings, Arizona, 1978-79-1982-83

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
	Percent											
1978-79	13	45	16	5	2	0	0	0	3	0	1	15
1979-80	38	45	9	2	2	1	0	0	2	0	0	1
1980-81	14	26	20	5	20	3	1	0	1	2	3	5
1981-82	35	25	16	4	1	0	1	2	1	2	2	11
1982-83	30	25	5	2	1	1	3	4	4	3	10	12

OTHER WHEAT: Monthly and season average prices received by growers, Arizona, 1979-80-1983-84

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season average
	Dollars per ton												
1979-80	113.00	116.00	131.30	125.70	130.00	135.70	--	120.00	133.00	121.00	113.70	112.00	115.00
1980-81	120.30	120.70	111.30	131.30	140.00	142.00	146.30	134.30	143.70	148.30	143.00	140.30	126.00
1981-82	131.00	122.70	127.00	133.30	138.30	132.00	140.70	140.70	139.30	142.70	104.30	127.30	128.70
1982-83	116.30	118.70	114.30	122.00	136.70	119.70	132.70	130.30	128.70	135.70	125.00	131.00	122.70
1983-84 1/	134.00	134.00	135.00	127.00	133.00	138.00	130.30	126.70					133.30

1/ Preliminary.

ALL WHEAT: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1979	200	*			1979	4,500	4,000	3,990	7,980
1980	300	*			1980	3,500	3,200	4,620	7,390
1981	200	*			1981	2,800	2,800	5,140	7,190
1982	200	200	2,130	210	1982	1,500	1,500	4,650	3,490
1983	200	200	2,550	260	1983	1,500	1,400	5,520	3,860
COCONINO					GILA				
1979	800	*			1979	*			
1980	1,700	1,500	3,720	2,790	1980	*			
1981	1,000	800	3,900	1,560	1981	300	300	3,960	590
1982	500	400	3,000	600	1982	*			
1983	500	400	3,900	780	1983	*			
GRAHAM					GREENLEE				
1979	2,500	2,400	3,960	4,750	1979	500	300	3,000	450
1980	6,500	6,000	4,460	13,370	1980	1,000	1,000	4,320	2,160
1981	4,500	4,200	5,340	11,220	1981	1,000	1,000	4,920	2,460
1982	4,300	4,100	5,690	11,650	1982	900	900	5,040	2,270
1983	5,200	4,900	5,900	14,470	1983	1,000	1,000	5,330	2,660
LA PAZ					MARICOPA				
					1979	35,000	33,500	4,440	74,370
					1980	101,000	97,000	4,880	236,850
					1981	126,000	125,300	5,380	337,250
					1982	54,700	53,900	5,550	149,530
1983	10,100	9,400	6,040	28,410	1983	52,000	43,400	5,830	126,360
MOHAVE					NAVAJO				
1979	5,000	4,500	3,470	7,800	1979	700	500	3,000	750
1980	5,000	4,700	3,830	9,010	1980	1,000	800	3,120	1,250
1981	5,500	5,500	4,750	13,050	1981	900	700	2,280	800
1982	3,500	3,500	5,180	9,070	1982	1,000	1,000	2,130	1,070
1983	3,000	3,000	5,280	7,920	1983	1,100	1,000	2,760	1,380
PIMA					PINAL				
1979	3,000	2,600	4,280	5,570	1979	43,000	40,200	4,420	88,740
1980	3,500	3,200	4,270	6,830	1980	66,000	63,500	4,590	145,770
1981	4,700	4,600	4,820	11,090	1981	81,000	80,200	4,720	189,220
1982	4,600	4,500	4,900	11,020	1982	40,800	40,300	4,980	100,400
1983	4,400	4,100	5,160	10,570	1983	31,700	27,400	5,070	69,490
SANTA CRUZ					YAVAPAI				
1979	1,000	*			1979	1,000	700	3,000	1,050
1980	500	400	3,900	780	1980	1,000	900	2,400	1,080
1981	300	300	4,080	610	1981	800	600	2,400	720
1982	*				1982	1,100	1,000	2,350	1,180
1983	*				1983	1,200	1,100	2,700	1,490

ALL WHEAT: Acreage, yield and production, Arizona, by counties, 1979-83 (Cont'd)

Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/
YUMA				
1979	37,800	36,300	5,220	94,740
1980	34,000	32,800	5,410	88,720
1981	32,000	31,700	5,020	79,560
1982	31,500	31,300	5,170	80,910
1983	22,700	21,300	6,040	64,320

1/ Converted from 60 pound bushels and rounded.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

ALL WHEAT: Acreage, yield, production, price and value, Arizona, 1979-83

Year	Planted for all purposes	FOR GRAIN				
		Harvested	Yield Per acre	Production	Season average price 1/	Value of production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1979	135	125	4,580	286,200	122.00	34,961
1980	225	215	4,800	516,600	135.30	69,852
1981	261	258	5,080	655,320	153.70	100,765
1982	145	143	5,210	372,210	120.00	44,674
1983	135	119	5,590	332,820	134.70	44,871

1/ Average price for the May through April marketing season.
2/ Converted from 60 pound bushels and rounded.

ALL WHEAT: Farm marketings, Arizona, 1978-79-1982-83

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
	Percent											
1978-79	28	21	26	5	6	1	2	1	2	1	2	5
1979-80	24	50	9	4	4	3	1	1	1	1	1	1
1980-81	14	53	11	7	8	1	1	1	1	1	1	1
1981-82	20	60	8	1	1	1	1	1	1	2	1	3
1982-83	20	43	7	2	2	3	2	3	5	2	5	6

ALL WHEAT: Monthly and season average prices received by growers, Arizona 1979-80-1983-84

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season average
	Dollars per ton												
1979-80	112.70	121.00	133.00	140.00	130.00	143.30	--	120.00	133.00	121.70	113.70	122.00	122.00
1980-81	129.70	137.70	122.70	131.30	140.70	142.00	146.30	134.30	151.30	165.30	145.00	141.30	135.30
1981-82	160.00	157.70	148.00	135.00	138.00	123.00	122.70	133.70	128.30	131.30	108.00	122.00	153.70
1982-83	116.30	118.00	109.00	119.70	136.70	131.00	130.70	130.70	125.00	121.70	125.00	130.00	120.00
1983-84 1/	137.70	132.70	135.00	129.70	133.00	139.00	132.30	131.70					134.70

1/ Preliminary.

DURUM WHEAT: Seedings by variety, Arizona, 1980-84

Variety	1980	1981	1982	1983	1984
			Percent		
Aldura	17.3	17.3	26.0	33.8	54.5
Jori 69	6.2	6.2			
Mexicali 75	37.1	37.1	10.5	1.7	29.7
Produra	27.6	27.6	16.2	2.7	
Westbred 881	.2			7.6	2.6
1000 D	4.2	4.2	2.7	.9	.8
Other	7.4	7.7	44.6	53.3	12.4
TOTAL	100.0	100.0	100.0	100.0	100.0

OTHER WHEAT: Seedings by variety, Arizona, 1980-84

Variety	1980	1981	1982	1983	1984
			Percent		
Anza	9.6				
Cajeme 71	33.9	33.9	8.6	5.8	3.7
Glennson					.3
Inia 66	2.1	2.1	8.6		.2
Nugaines	1.6	1.6	2.3	1.7	
Probred	13.7	13.7	3.8	.6	.2
Scout				.4	
Stephens				.6	
Super X	4.6	4.6	1.0	3.2	.6
Turkey	4.4				
Westbred 906				1.4	.4
Westbred 911					4.0
Yecora Rojo	26.3	26.3	49.3	47.5	79.5
Other	3.8	17.8	26.4	38.8	11.1
TOTAL	100.0	100.0	100.0	100.0	100.0

SUGARBEETS: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Planted	Harvested	Yield per harvested acre	Production	Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Tons	Tons		Acres		Tons	Tons
COCHISE					GRAHAM				
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
1983	0				1983	0			
MARICOPA					PIMA				
1979	6,000	5,900	19.7	116,000	1979	*			
1980	3,200	3,200	23.8	76,200	1980	*			
1981	4,350	4,250	22.6	96,200	1981	400	400	16.3	6,500
1982	3,900	3,900	23.4	91,100	1982	300	300	19.7	5,900
1983	0				1983	0			
PINAL					YUMA				
1979	5,200	4,950	17.8	88,000	1979	500	450	28.9	13,000
1980	5,900	5,600	22.0	123,320	1980	200	200	32.0	6,400
1981	5,850	5,700	24.5	139,900	1981	2,400	2,250	25.5	57,400
1982	6,000	5,900	23.0	135,600	1982	2,900	2,700	24.2	65,400
1983	0				1983	0			

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SUGARBEETS: Acreage, yield, production, price and value, Arizona 1979-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Tons	Tons	Dol./Ton	1,000 Dol.
1979	11,700	11,300	19.2	217,000	27.90	6,054
1980	9,400	9,100	22.9	208,000	53.30	11,086
1981	13,000	12,600	23.8	300,000	33.70	10,110
1982	13,100	12,800	23.3	298,000	34.70	10,341
1983	0					

1/ Average price for marketing season.

BARLEY: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1979	*				1979	1,500	1,000	3,120	1,560
1980	*				1980	1,200	900	3,840	1,730
1981	*				1981	1,000	800	4,080	1,630
1982	*				1982	400	300	4,260	640
1983	*				1983	300	300	4,130	620
COCONINO					GILA				
1979	500	*			1979	*			
1980	700	*			1980	300	*		
1981	*				1981	500	500	2,400	600
1982	*				1982	500	500	2,510	630
1983	*				1983	400	400	2,590	520
GRAHAM					GREENLEE				
1979	1,800	1,800	3,600	3,240	1979	*			
1980	2,500	2,000	4,560	4,560	1980	300	*		
1981	2,100	2,000	4,800	4,800	1981	*			
1982	6,100	6,000	5,260	15,770	1982	300	*		
1983	4,000	3,900	5,270	10,270	1983	300	*		
LA PAZ					MARICOPA				
					1979	18,000	16,000	3,700	29,570
					1980	18,000	16,000	4,420	35,330
					1981	17,000	16,500	4,780	39,430
					1982	20,400	19,800	5,750	56,870
1983	1,100	1,000	5,040	2,520	1983	12,200	11,800	5,260	31,010
MOHAVE					NAVAJO				
1979	1,000	1,000	3,500	1,750	1979	300	300	2,880	430
1980	1,000	800	3,360	1,340	1980	300	300	2,880	430
1981	700	500	4,080	1,020	1981	300	300	3,120	470
1982	1,000	1,000	5,260	2,630	1982	600	300	3,120	470
1983	700	600	5,260	1,580	1983	400	*		
PIMA					PINAL				
1979	2,000	2,000	3,840	3,840	1979	15,000	13,500	3,640	24,580
1980	2,000	2,000	3,980	3,980	1980	25,000	22,000	4,370	48,050
1981	1,300	1,000	4,320	2,160	1981	22,000	18,000	4,600	41,420
1982	1,200	1,000	4,500	2,250	1982	28,900	28,700	4,720	67,760
1983	900	800	4,510	1,800	1983	17,300	16,700	5,300	44,290
SANTA CRUZ					YAVAPAI				
1979	1,900	*			1979	*			
1980	500	*			1980	*			
1981	500	*			1981	400	*		
1982	1,000	*			1982	*			
1983	500	*			1983	*			

BARLEY: Acreage, yield and production, Arizona, by counties, 1979-83 (Cont'd)

Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/
YUMA				
1979	8,000	7,400	3,360	12,430
1980	8,000	6,000	4,190	12,580
1981	4,000	3,000	3,840	5,760
1982	4,300	4,300	4,410	9,470
1983	1,700	1,600	5,040	4,030

1/ Converted from 48 pound bushels and rounded.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

BARLEY: Acreage, yield, production, price and value, Arizona, 1979-83

Year	Planted for all purposes	FOR GRAIN				
		Harvested	Yield per acre	Production	Season average price 1/	Value of production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1979	50	43	3,600	77,400	108.80	8,417
1980	60	50	4,320	108,000	111.30	12,015
1981	50	43	4,560	98,040	142.50	13,971
1982	65	63	5,040	158,760	113.80	18,059
1983	40	38	5,180	98,500	129.20	12,722

1/ Average price for the May through April marketing season.

2/ Converted from 48 pound bushels and rounded.

BARLEY: Farm marketings, Arizona, 1978-79-1982-83

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
	Percent											
1978-79	38	45	5	3	2	1	1	1	1	1	1	1
1979-80	33	50	5	3	2	1	1	1	1	1	1	1
1980-81	18	55	16	2	1	1	1	2	1	1	1	1
1981-82	40	45	3	1	1	1	1	2	1	2	1	2
1982-83	28	50	10	3	1	1	1	1	2	1	1	1

BARLEY: Monthly and season average prices received by growers, Arizona, 1979-80-1983-84

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season average
	Dollars per ton												
1979-80	106.70	109.20	109.60	116.30	--	125.80	115.40	--	--	127.10	--	102.90	108.80
1980-81	111.70	108.80	106.70	130.00	127.10	--	155.80	142.90	--	--	--	137.50	111.30
1981-82	145.80	143.30	139.60	110.00	--	--	--	132.50	125.00	122.50	--	110.00	142.50
1982-83	114.20	114.60	110.80	121.30	--	102.50	91.30	--	106.30	112.10	--	--	113.80
1983-84 1/	127.90	123.80	130.00	--	--	135.00	145.00	--					129.20

1/ Preliminary.

CORN: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1979	2,400	2,000	1,680	1,680	1979	31,000	30,000	7,340	110,040
1980	2,000	1,500	1,980	1,480	1980	30,000	28,000	6,270	87,810
1981	2,200	*			1981	31,000	25,000	7,720	96,540
1982	2,300	200	4,260	430	1982	8,300	8,200	9,070	37,190
1983	1,700	700	4,760	1,660	1983	6,800	6,700	9,800	32,830
COCONINO					GILA				
1979	1,000	500	1,740	430	1979	*			
1980	2,000	1,500	2,240	1,680	1980	200	*		
1981	2,000	700	3,920	1,370	1981	*			
1982	700	400	3,080	620	1982	*			
1983	500	200	4,200	420	1983	*			
GRAHAM					GREENLEE				
1979	4,200	4,000	8,230	16,460	1979	400	300	8,010	1,200
1980	5,000	4,000	5,490	10,980	1980	500	400	5,600	1,120
1981	5,500	4,000	8,400	16,800	1981	400	*		
1982	2,800	2,500	8,960	11,200	1982	*			
1983	2,900	2,800	9,800	13,720	1983	*			
LA PAZ					MARICOPA				
					1979	11,200	500	4,590	1,150
					1980	7,000	*		
					1981	5,000	*		
					1982	5,700	*		
1983	*				1983	5,000	*		
MOHAVE					NAVAJO				
1979	*				1979	6,300	5,500	2,910	8,010
1980	*				1980	5,000	4,000	3,640	7,280
1981	*				1981	5,200	3,300	4,200	6,930
1982	*				1982	6,400	5,200	5,040	13,100
1983	*				1983	4,900	4,400	5,180	11,400
PIMA					PINAL				
1979	*				1979	800	*		
1980	*				1980	1,500	*		
1981	*				1981	1,200	*		
1982	*				1982	1,000	*		
1983	*				1983	900	*		
SANTA CRUZ					YAVAPAI				
1979	700	200	4,140	410	1979	2,000	1,800	5,600	5,040
1980	800	*			1980	1,000	500	5,600	1,400
1981	1,700	500	4,840	1,210	1981	800	500	5,600	1,400
1982	800	*			1982	1,100	400	7,280	1,460
1983	800	*			1983	800	500	7,280	1,820

CORN: Acreage, yield and production, Arizona, by counties, 1979-83 (Cont'd)

Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/
YUMA				
1979	*			
1980	*			
1981	*			
1982	*			
1983	*			

1/ Converted from 56 pound bushels and rounded.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CORN: Acreage, yield, production, price and value, Arizona, 1979-83

Year	Planted for all purposes	FOR GRAIN				
		Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1979	60	45	6,440	144,900	112.10	16,250
1980	55	40	5,600	112,000	139.30	15,600
1981	55	35	7,280	127,400	108.90	13,878
1982	30	18	7,560	68,040	115.70	7,873
1983	25	17	8,060	68,540	137.50	9,425

1/ Average price for the September through August marketing season.

2/ Converted from 56 pound bushels and rounded.

SORGHUM: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1979	400	400	3,640	730	1979	8,500	6,500	4,650	15,120
1980	500	400	3,780	760	1980	8,000	6,200	4,790	14,840
1981	1,200	900	4,600	2,070	1981	5,000	4,800	4,880	11,700
1982	800	700	4,590	1,610	1982	2,500	2,200	5,430	5,980
1983	900	700	5,320	1,860	1983	2,000	1,600	6,160	4,930
COCONINO					GILA				
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
1983	*				1983	*			
GRAHAM					GREENLEE				
1979	3,000	2,600	4,440	5,770	1979	400	400	3,430	690
1980	4,000	3,000	4,670	7,000	1980	600	500	4,140	1,040
1981	3,000	2,900	5,140	7,450	1981	800	700	4,480	1,570
1982	2,000	1,800	5,400	4,860	1982	*			
1983	1,600	1,200	4,790	2,870	1983	*			
LA PAZ					MARICOPA				
					1979	5,000	4,000	3,640	7,280
					1980	6,000	3,400	4,040	6,860
					1981	4,000	3,000	4,660	7,000
					1982	6,000	3,700	4,650	8,600
1983	*				1983	6,000	3,000	4,310	6,470
MOHAVE					NAVAJO				
1979	700	700	3,120	1,090	1979	1,000	600	1,820	550
1980	900	900	3,740	1,680	1980	1,000	700	2,240	780
1981	1,500	1,500	4,820	3,610	1981	1,100	800	2,170	870
1982	*				1982	800	600	2,180	650
1983	*				1983	800	600	2,630	790
PIMA					PINAL				
1979	1,200	800	3,640	1,460	1979	7,000	6,000	3,850	11,560
1980	2,000	1,800	4,040	3,640	1980	7,500	5,900	3,940	11,620
1981	2,500	2,400	4,600	5,520	1981	7,000	6,000	4,540	13,610
1982	1,000	800	4,370	1,750	1982	4,000	3,000	4,510	6,760
1983	900	600	4,230	1,270	1983	4,900	3,100	4,030	6,250
SANTA CRUZ					YAVAPAI				
1979	*				1979	200	200	3,360	330
1980	200	*			1980	300	200	3,640	360
1981	500	*			1981	*			
1982	*				1982	*			
1983	*				1983	*			

SORGHUM: Acreage, yield and production, Arizona, by counties, 1979-83 (Cont'd)

Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/
YUMA				
1979	3,500	2,800	3,660	5,120
1980	4,000	3,000	4,020	6,020
1981	3,000	2,800	4,720	6,610
1982	2,000	1,700	4,700	4,000
1983	1,700	1,300	4,000	2,600

1/ Converted from 56 pound bushels and rounded.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SORGHUM: Acreage, yield, production, price and value, Arizona, 1979-83

Year	Planted for all purposes	FOR GRAIN				
		Harvested	Yield per acre	Production	Season average price 1/	Value of production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1979	31	25	3,980	49,700	114.30	5,680
1980	35	26	4,200	54,600	133.60	7,293
1981	30	26	4,650	60,420	113.60	6,862
1982	20	15	4,700	35,280	104.30	3,679
1983	20	13	4,420	28,760	135.00	3,882

1/ Average price for the July through June marketing season.
2/ Converted from 56 pound bushels and rounded.

SORGHUM: Farm marketings, Arizona, 1978-79-1982-83 1/

Year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
	Percent												
1978-79	--	5	5	45	15	10	5	3	3	3	2	2	2
1979-80	--	1	5	8	30	20	4	12	12	1	3	4	--
1980-81	17	1	9	27	34	6	1	--	--	--	--	5	--
1981-82	20	2	5	7	7	48	3	3	3	2	--	--	--
1982-83	1	3	5	26	20	13	28	4	--	--	--	--	--

1/ Marketing season July 1-June 30. Prior to 1980-81, marketing season was August 1-July 31.

SORGHUM: Monthly and season average prices received by growers, Arizona, 1979-80-1983-84

Year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Season average
	Dollars per ton												
1979-80	--	107.00	103.20	105.20	109.60	113.80	113.00	112.40	111.60	113.00	113.00	106.80	114.30
1980-81	140.20	138.00	131.00	128.20	135.20	137.20	--	--	--	--	--	125.00	133.60
1981-82	125.60	100.00	100.40	95.20	96.60	110.60	99.80	116.00	116.00	110.00	--	--	113.60
1982-83	--	--	105.80	104.40	103.40	107.80	103.60	104.80	--	--	--	--	104.30
1983-84 1/	--	125.00	--	128.60	130.80	130.80							135.00

1/ Preliminary.

SAFFLOWER: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Planted	Harvested	Yield per acre	Production	Year	Planted	Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
MARICOPA					PINAL				
1979	8,350	8,350	1,960	8,200	1979	2,550	2,550	1,730	2,200
1980	3,200	3,200	1,950	3,120	1980	500	500	2,120	530
1981	900	900	2,330	1,050	1981	600	600	2,250	675
1982	2,950	2,950	2,450	3,610	1982	*			
1983	*				1983	*			
YUMA									
1979	300	300	2,000	300					
1980	*								
1981	*								
1982	1,650	1,650	2,530	2,090					
1983	3,000	3,000	1,330	2,000					

1/ Converted from pounds and rounded.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SAFFLOWER: Acreage, yield, production, price and value, Arizona, 1979-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Lbs.	Tons 2/	Dol./Ton	1,000 Dol.
1979	11,200	11,200	1,910	10,700	245.00	2,622
1980	3,700	3,700	1,973	3,650	270.00	986
1981	1,500	1,500	2,300	1,725	300.00	518
1982	4,600	4,600	2,480	5,700	275.00	1,568
1983	3,600	3,600	2,000	3,600	250.00	900

1/ Average price for the marketing season.

2/ Converted from pounds and rounded.

OTHER FIELD CROPS: Acres, production and value, Arizona, 1981-83

Crop	Year	Harvested acres	Unit	Production	Value of production
		Acres		1,000	1,000 dol.
DRY BEANS	1981	9,510	Lb.	5,231	2,877
	1982	8,182		4,500	2,025
	1983	900		750	151
GUAR	1981	7,500	Lb.	10,125	2,025
	1982	22,000		31,900	6,380
	1983	0			
JOJOBA	1981	1/ 8,100	Lb.	0	
	1982	1/ 16,218		150	375
	1983	1/ 24,827		30	425
PEANUTS	1981	450	Ton	.55	218
	1982	500		.75	200
	1983	680		.97	505
MISCELLANEOUS 2/	1981	1,450		3/	
	1982	1,770		3/	
	1983	1,450		3/	

1/ Cultivated acres, approximately 1,000 acres harvested in 1983.

2/ Includes millet, oats and soybeans.

3/ Not available.

Source: Statistics developed with the assistance of the Arizona Cooperative Extension Service and grain growers and dealers. Jojoba data from Jojoba Growers Association.

GRAIN STOCKS: On farm and off farm, Arizona, 1979-January 1984

Crop and year	On farm	Off farm 1/	Total	Crop and year	On farm	Off farm 1/	Total
		Tons				Tons	
BARLEY				CORN			
1979				1979			
Jan. 1	2,976	15,168	18,144	Jan. 1	80,500	53,480	133,980
Apr. 1	1,200	8,808	10,008	Apr. 1	24,164	39,956	64,120
June 1	288	3,696	3,984	June 1	11,284	26,992	38,276
Oct. 1	7,752	26,544	34,296	Oct. 1	1,624	*	*
1980				1980			
Jan. 1	3,864	15,000	18,864	Jan. 1	72,464	45,444	117,908
Apr. 1	1,560	10,224	11,784	Apr. 1	21,728	25,900	47,628
June 1	--	3,264	3,264	June 1	10,136	17,416	27,552
Oct. 1	16,200	41,616	57,816	Oct. 1	2,184	*	*
1981				1981			
Jan. 1	10,800	18,024	28,824	Jan. 1	22,400	59,612	82,012
Apr. 1	4,320	10,032	14,352	Apr. 1	6,720	33,908	40,628
June 1	--	4,680	4,680	June 1	1,120	20,972	22,092
Oct. 1	9,816	50,160	59,976	Oct. 1	--	8,988	8,988
1982				1982			
Jan. 1	2,952	24,552	27,504	Jan. 1	38,220	54,208	92,428
Apr. 1	984	9,144	10,128	Apr. 1	3,836	37,996	41,832
June 1	96	5,280	5,376	June 1	2,940	33,936	36,876
Oct. 1	15,888	40,392	56,280	Oct. 1	2,156	*	*
1983				1983			
Jan. 1	7,944	23,544	31,488	Jan. 1	7,476	96,040	103,516
Apr. 1	480	16,176	16,656	Apr. 1	2,380	95,060	97,440
June 1	312	4,944	5,256	June 1	2,044	75,488	77,532
Oct. 1	7,872	66,000	73,872	Oct. 1	336	*	*
1984				1984			
Jan. 1	504	34,416	34,920	Jan. 1	2,744	46,200	48,944

GRAIN STOCKS: On farm and off farm, Arizona, 1979-January 1984 (Cont'd)

Crop and year	On farm	Off farm 1/	Total	Crop and year	On farm	Off farm 1/	Total
		Tons				Tons	
SORGHUM				WHEAT			
1979				1979			
Jan. 1	13,664	136,640	150,304	Jan. 1	8,700	37,200	45,900
Apr. 1	5,460	60,060	65,520	Apr. 1	4,350	14,610	18,960
June 1	1,092	59,360	60,452	June 1	1,440	7,920	9,360
Oct. 1	--	*	*	Oct. 1	22,890	43,800	66,690
1980				1980			
Jan. 1	7,448	100,492	107,940	Jan. 1	5,730	21,450	27,180
Apr. 1	2,492	88,900	91,392	Apr. 1	2,850	5,250	8,100
June 1	1,008	36,736	37,744	June 1	--	2,460	2,460
Oct. 1	420	24,500	24,920	Oct. 1	41,280	124,830	166,110
1981				1981			
Jan. 1	5,460	73,248	78,708	Jan. 1	30,960	48,840	79,800
Apr. 1	2,744	73,332	76,076	Apr. 1	7,740	23,940	31,680
June 1	560	27,888	28,448	June 1	--	6,180	6,180
Oct. 1	--	24,024	24,024	Oct. 1	72,090	154,500	226,590
1982				1982			
Jan. 1	8,456	98,812	107,268	Jan. 1	13,110	68,310	81,420
Apr. 1	1,512	73,388	74,900	Apr. 1	1,980	12,330	14,310
June 1	728	36,456	37,184	June 1	1,320	8,370	9,690
Oct. 1	364	20,972	21,336	Oct. 1	44,670	111,360	156,030
1983				1983			
Jan. 1	4,228	50,120	54,348	Jan. 1	33,510	45,270	78,780
Apr. 1	1,596	61,320	62,916	Apr. 1	5,580	32,700	38,280
June 1	1,400	7,448	8,848	June 1	3,720	13,620	17,340
Oct. 1	224	65,800	66,024	Oct. 1	16,650	93,000	109,650
1984				1984			
Jan. 1	2,576	86,408	88,984	Jan. 1	4,980	50,490	55,470

GRAIN STOCKS: On farm and off farm, Arizona, 1979-January 1984 (Cont'd)

Crop and year	On farm	Off farm 1/	Total	Year	On farm	Off farm 1/	Total
		Tons				Tons	
OATS							
1979				1982			
Jan. 1	--	272	272	Jan. 1	--	2,688	2,688
Apr. 1	--	448	448	Apr. 1	--	*	*
June 1	--	*	*	June 1	--	816	816
Oct. 1	--	*	*	Oct. 1	--	7,184	7,184
1980				1983			
Jan. 1	--	1,968	1,968	Jan. 1	--	*	*
Apr. 1	--	1,552	1,552	Apr. 1	--	2,752	2,752
June 1	--	800	800	June 1	--	2,128	2,128
Oct. 1	--	1,312	1,312	Oct. 1	--	2,400	2,400
1981				1984			
Jan. 1	--	*	*	Jan. 1	--	1,440	1,440
Apr. 1	--	384	384				
June 1	--	*	*				
Oct. 1	--	3,056	3,056				

1/ Includes stock at mills, elevators, warehouses, terminals and processors.
* Included in unallocated to avoid disclosing individual operations.

GRAINS STOCKS: Off farm storage facilities, Arizona, January 1980-84

Year	Number of facilities	Storage capacity
		Tons
1980	74	17,505
1981	31	15,310
1982	32	12,375
1983	34	14,130
1984	37	14,990

HAY STOCKS: On farm, Arizona, 1979-January 1984

Year	On farm	Total	Year	On farm	Total
	Tons			Tons	
1979			1982		
Jan. 1	273,000	273,000	Jan. 1	207,000	207,000
May 1	80,000	80,000	May 1	109,000	109,000
1980			1983		
Jan. 1	164,000	164,000	Jan. 1	137,000	137,000
May 1	77,000	77,000	May 1	19,000	19,000
1981			1984		
Jan. 1	365,000	365,000	Jan. 1	116,000	116,000
May 1	25,000	25,000			

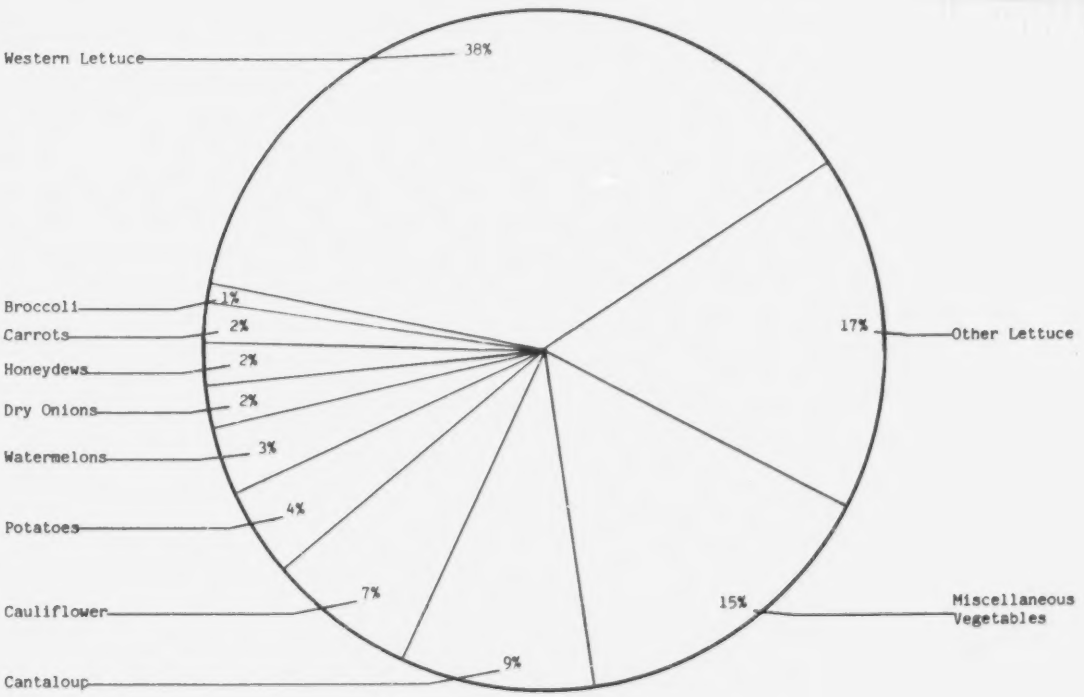
VEGETABLES, MELONS & POTATOES

Area in production for the 8 principal vegetables and potatoes in Arizona during 1983 totaled 67,270 acres, up 13 percent from 1982. The most significant increases in area harvested were for lettuce, up 7,000 acres, cauliflower, up 1,600 and carrots, up 520. Offsetting these were decreases in watermelon and honeydew acreage, down 900 and 700 acres from 1982.

Lettuce remains the most significant vegetable produced in Arizona. Despite the increase in harvested acres, total value of lettuce production dropped in 1983, the result of markedly lower prices received by 'western' area growers for their spring crop. Cantaloups ranked second in total value of production, accounting for $20.6 million in 1983. Prices received for honeydews, onions and watermelons increased during 1983 while those for broccoli, carrots and cauliflower dropped from their 1982 season averages. Area planted to potatoes increased 4 percent from 1982 to 4,900 acres. Lower yields reduced total production however, and despite a 20¢/cwt. increase in price, total value of production in 1983 was down more than 8 percent from the 1982 level.

A number of miscellaneous vegetables together account for a substantial portion of total acreage and value of production in the State. Total area in production for miscellaneous vegetables increased 4 percent in 1983 to 11,304 acres. Value of production increased to $31.8 million.

VEGETABLES, MELONS AND POTATOES: Value of production, Arizona, 1983 season



OTHER LETTUCE, SPRING: Acreage, yield and production, Arizona, by counties, 1979-83 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
COCHISE				MARICOPA			
1979	2,000	106	211	1979	3,100	222	689
1980	830	182	151	1980	2,160	286	618
1981	720	322	232	1981	2.830	313	886
1982	1,050	369	387	1982	2,800	419	1,172
1983	1,120	339	380	1983	3,280	310	1,017
PIMA				PINAL			
1979	1,400	235	329	1979	2,000	239	477
1980	530	260	138	1980	790	254	201
1981	500	354	177	1981	750	353	265
1982	350	383	134	1982	500	422	211
1983	430	281	121	1983	870	286	249

1/ Calendar year for other lettuce. "Other lettuce" refers to lettuce produced in all areas of the state except Yuma and La Paz counties.

OTHER LETTUCE, SPRING: Acreage, yield, production, price and value, Arizona, 1979-83 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 2/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol/cwt.	1,000 dol.
1979	8,500	8,500	201	1,706	11.28	19,243
1980	4,300	4,300	310	1,333	14.40	19,195
1981	4,800	4,800	325	1,560	9.63	15,023
1982	4,700	4,700	405	1,904	14.30	27,227
1983	5,700	5,700	310	1,767	13.00	22,971

1/ Calendar year for other lettuce. "Other lettuce" refers to lettuce produced in all areas of the state except Yuma and La Paz counties.

2/ Average price for March through June marketing season.

OTHER LETTUCE, FALL: Acreage, yield and production, Arizona, by counties, 1979-83 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
COCHISE				MARICOPA			
1979	1,450	248	360	1979	2,600	169	439
1980	1,150	183	211	1980	2,290	198	454
1981	890	200	178	1981	1,990	194	386
1982	1,000	260	260	1982	2,650	285	755
1983	1,340	209	280	1983	2,380	206	490
PIMA				PINAL			
1979	250	196	49	1979	400	208	83
1980	220	191	42	1980	330	182	60
1981	250	220	55	1981	370	219	81
1982	300	240	72	1982	750	212	159
1983	300	210	63	1983	580	229	133

1/ Calendar year for other lettuce. "Other lettuce" refers to lettuce produced in all areas of the state except Yuma and La Paz counties.

2/ Average price for the September through December marketing season.

OTHER LETTUCE, FALL: Acreage, yield, production, price and value, Arizona, 1979-83 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 2/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol/cwt.	1,000 dol.
1979	4,700	4,700	198	931	8.97	8,351
1980	4,000	4,000	230	920	11.30	10,396
1981	3,500	3,500	210	735	12.60	9,261
1982	4,700	4,700	265	1,246	12.30	15,326
1983	4,600	4,600	210	966	14.80	14,297

1/ Calendar year for other lettuce. "Other lettuce" refers to lettuce produced in all areas of the state except Yuma and La Paz counties.

OTHER LETTUCE, ALL: Acreage, yield, production, price and value, Arizona, 1979-83 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 2/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1979	13,200	13,200	200	2,637	10.50	27,594
1980	8,300	8,300	270	2,253	13.10	29,591
1981	8,300	8,300	275	2,295	10.60	24,284
1982	9,400	9,400	335	3,150	13.50	42,553
1983	10,300	10,300	265	2,733	13.60	37,268

1/ Calendar year for other lettuce. "Other lettuce" refers to lettuce produced in all areas of the state except Yuma and La Paz counties.

2/ Average price for the March through June and September through December marketing seasons.

OTHER LETTUCE, ALL: Monthly and season average prices received by growers, Arizona, 1979-83

Crop year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season average
						Dollars per cwt.							
1979 1/													10.50
1980	--	--	17.60	14.70	11.90	7.40	--	--	--	9.62	13.20	8.01	13.10
1981	--	--	11.40	8.15	13.70	8.90	--	--	--	8.83	10.00	18.90	10.60
1982	--	--	20.20	14.40	10.90	10.10	--	--	--	9.48	14.60	11.80	13.50
1983	11.30	--	7.78	12.10	12.90	17.50	--	--	--	16.10	15.00	13.30	13.60

1/ Monthly prices for other lettuce are not avilable prior to 1980.

WESTERN LETTUCE: Acreage, yield and production, Arizona, by counties, 1978-79 - 1982-83 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
LA PAZ				YUMA			
				1978-79	29,400	225	6,615
				1979-80	31,100	230	7,153
				1980-81	24,900	295	7,346
				1981-82	22,900	297	7,487
1982-83	2,900	345	1,000	1982-83	26,100	303	7,900

1/ Crop year for Western lettuce.

WESTERN LETTUCE: Acreage, yield, production, price and value, Arizona, 1978-79 - 1982-83 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 2/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1978-79	29,400	29,400	225	6,615	12.40	82,026
1979-80	31,100	31,100	230	7,153	7.82	55,936
1980-81	24,900	24,900	295	7,346	9.29	68,244
1981-82	22,900	22,900	297	7,487	16.70	124,867
1982-83	29,000	29,000	307	8,900	9.23	82,114

1/ Crop year for Western lettuce.
2/ Average price for the November through April marketing season.

WESTERN LETTUCE: Monthly and season average prices received by growers, Arizona, 1978-79 - 1982-83 1/

Year	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season average
				Dollars per cwt.			
1978-79							12.40
1979-80			6.14	7.11	9.65	17.10	7.82
1980-81	12.00	7.75	8.80	8.69	10.30	8.70	9.29
1981-82	13.60	20.80	28.10	10.80	12.70	23.60	16.70
1982-83 2/	15.20	11.60	8.44	6.42	7.42	11.10	9.23

1/ Monthly prices for Western lettuce are not avilable prior to 1980.
2/ Preliminary.

CAULIFLOWER: Acreage, yield and production, Arizona, by counties, 1978-79 - 1982-83

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
MARICOPA				YUMA			
1978-79	650	51	33	1978-79	1,350	104	140
1979-80	550	82	45	1979-80	1,400	114	160
1980-81	530	96	51	1980-81	1,870	117	219
1981-82	400	115	46	1981-82	1,600	148	237
1982-83	600	95	57	1982-83	3,000	124	372

CAULIFLOWER: Acreage, yield and production, price and value, Arizona, 1978-79 - 1982-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1978-79	2,000	2,000	87	173	29.90	5,175
1979-80	1,950	1,950	105	205	37.10	8,015
1980-81	2,400	2,400	113	270	34.80	9,408
1981-82	2,000	2,000	142	283	39.30	11,114
1982-83	3,600	3,600	119	429	35.50	15,223

1/ Average price for the November through April marketing season.

SPRING CARROTS: Acreage, yield and production, Arizona, by counties, 1978-79 - 1982-83

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
COCHISE				MARICOPA			
1978-79	*			1978-79	2,000	121	241
1979-80	*			1979-80	1,750	137	239
1980-81	*			1980-81	1,630	137	223
1981-82	200	160	32	1981-82	2,400	173	416
1982-83	420	155	65	1982-83	2,700	176	474
PINAL				YAVAPAI			
1978-79	*			1978-79	*		
1979-80	100	130	13	1979-80	100	150	15
1980-81	270	130	35	1980-81	*		
1981-82	*			1981-82	*		
1982-83	*			1982-83	*		
YUMA							
1978-79	*						
1979-80	*						
1980-81	*						
1981-82	*						
1982-83	*						

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SPRING CARROTS: Acreage, yield, production, price and value, Arizona, 1978-79 - 1982-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1978-79	2,000	2,000	121	241	10.80	2,605
1979-80	2,000	2,000	138	275	8.13	2,235
1980-81	1,900	1,900	136	258	12.60	3,251
1981-82	2,650	2,650	169	449	12.80	5,743
1982-83	3,170	3,170	174	550	9.88	5,435

1/ Average price for the December through June marketing season.

SPRING CARROTS: Month and season average prices received by growers, Arizona, 1978-79 - 1982-83

Year	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Season average
				Dollars per cwt.				
1978-79	--	14.10	13.70	10.70	9.00	11.40	10.50	10.80
1979-80	--	10.00	7.60	6.90	7.14	7.85	10.20	8.13
1980-81	--	13.50	13.10	11.10	10.30	14.50	12.50	12.60
1981-82	--	14.50	14.70	14.10	13.20	13.10	9.36	12.80
1982-83 1/	--	15.20	14.00	10.10	8.53	8.33	8.60	9.88

1/ Preliminary.

DRY ONIONS, SPRING: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
COCHISE				MARICOPA			
1979	*			1979	950	427	406
1980	*			1980	900	470	423
1981	*			1981	1,000	489	489
1982	*			1982	1,300	525	683
1983	200	230	46	1983	1,350	435	587
PINAL				YUMA			
1979	*			1979	650	200	130
1980	150	433	65	1980	350	386	135
1981	*			1981	100	230	23
1982	*			1982	200	490	98
1983	*			1983	*		

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

DRY ONIONS, SPRING: Acreage, yield, production, price and value, Arizona, 1979-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1979	1,600	1,600	335	536	8.99	4,816
1980	1,400	1,400	445	623	9.43	5,874
1981	1,100	1,100	465	512	17.00	8,704
1982	1,700	1,700	515	876	7.88	6,899
1983	1,700	1,600	410	656	8.06	5,287

1/ Average price for the May through June marketing season.

DRY ONIONS, SPRING: Monthly and season average prices received by growers, Arizona, 1979-83

Year	May	June	July	Season average
		Dollars per cwt.		
1979	7.30	12.40	--	8.99
1980	12.10	9.10	--	9.43
1981	17.30	15.60	--	17.00
1982	8.80	7.60	--	7.88
1983 1/	8.02	7.71	10.20	8.06

1/ Preliminary.

HONEYDEWS, SPRING: Acreage, yield and production, Arizona, by counties, 1978-83

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
COCHISE				LA PAZ			
1979	*						
1980	*						
1981	*						
1982	*						
1983	*			1983	1,450	98	142
MARICOPA				MOHAVE			
1979	50	100	5	1979	*		
1980	100	100	10	1980	550	142	78
1981	50	160	8	1981	1,400	179	250
1982	250	216	54	1982	500	130	65
1983	110	173	19	1983	530	100	53
PINAL				YUMA			
1979	*			1979	1,150	163	187
1980	*			1980	550	156	86
1981	*			1981	*		
1982	*			1982	200	116	231
1983	*			1983	*		

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

HONEYDEWS, SPRING: Acreage, yield, production, price and value, Arizona, 1979-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1979	1,200	1,200	160	192	8.30	1,594
1980	1,200	1,200	145	174	10.40	1,810
1981	1,500	1,500	177	265	12.90	3,422
1982	2,750	2,750	127	350	9.76	3,415
1983	2,100	2,100	102	214	15.70	3,366

1/ Average price for the June through July marketing season.

HONEYDEWS, FALL: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
COCHISE				LA PAZ			
1979	*						
1980	*						
1981	*						
1982	*						
1983	*			1983	160	94	15
MARICOPA				MOHAVE			
1979	250	192	48	1979	*		
1980	200	150	30	1980	*		
1981	300	90	27	1981	100	110	11
1982	400	133	53	1982	*		
1983	290	100	29	1983	250	88	22
PINAL				YUMA			
1979	*			1979	150	160	24
1980	*			1980	200	180	36
1981	*			1981	400	105	42
1982	*			1982	350	100	35
1983	*			1983	*		

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

HONEYDEWS, FALL: Acreage, yield, production, price and value, Arizona, 1979-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1979	400	400	180	72	9.41	678
1980	400	400	165	66	7.41	489
1981	800	800	100	80	14.60	1,167
1982	750	750	117	88	13.90	1,228
1983	700	700	94	66	13.90	918

1/ Average price for the October through November marketing season.

HONEYDEWS, ALL: Acreage, yield, production, price and value, Arizona, 1979-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1979	1,600	1,600	165	264	8.61	2,272
1980	1,600	1,600	150	240	9.58	2,299
1981	2,300	2,300	150	345	13.30	4,589
1982	3,500	3,500	125	438	10.60	4,643
1983	2,800	2,800	100	280	15.30	4,284

1/ Average price for the June through July and October through November marketing seasons.

HONEYDEWS, ALL: Monthly and season average prices received by growers, Arizona, 1979-83

Year	June	July	Aug.	Sept	Oct.	Nov.	Season average
				Dollars per cwt.			
1979	11.10	7.60	--	--	9.70	8.80	8.61
1980	12.50	10.10	--	--	7.06	7.83	9.58
1981	12.40	13.20	--	--	15.50	17.30	13.30
1982	10.80	9.82	--	--	10.90	15.10	10.60
1983	17.50	15.00	--	--	12.60	11.70	15.30

CANTALOUPS SUMMER: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
LA PAZ				MARICOPA			
				1979	1,950	115	224
				1980	2,900	155	448
				1981	2,050	153	314
				1982	3,050	156	477
1983	1,570	276	434	1983	2,750	135	371
PINAL				YUMA			
1979	50	100	5	1979	5,100	158	806
1980	*			1980	1,700	163	277
1981	50	140	7	1981	2,200	193	424
1982	250	140	35	1982	2,250	197	443
1983	150	133	20	1983	880	278	245

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CANTALOUPS SUMMER: Acreage, yield and production, price and value, Arizona, 1979-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1979	7,100	7,100	146	1,035	13.60	14,062
1980	4,600	4,600	158	725	17.00	12,332
1981	4,300	4,300	173	745	17.80	13,226
1982	5,550	5,550	172	955	13.60	12,988
1983	5,350	5,350	200	1,070	17.50	18,725

1/ Average price for the May through July marketing season.

CANTALOUPS ALL: Acreage, yield and production, price and value, Arizona, 1979-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1979	9,100	9,100	137	1,245	14.20	17,661
1980	6,500	6,500	140	907	15.70	14,244
1981	5,200	5,200	165	858	17.00	14,571
1982	6,500	6,500	160	1,043	13.40	14,026
1983	6,800	6,650	177	1,177	17.50	20,640

1/ Average price for the combined May through July and October through November marketing seasons.

CANTALOUPS FALL: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
COCHISE				LA PAZ			
1979	100	50	5				
1980	*						
1981	*						
1982	50	60	3				
1983	*			1983	180	61	11
MARICOPA				PINAL			
1979	1,900	108	205	1979	*		
1980	1,900	96	182	1980	*		
1981	900	125	113	1981	*		
1982	700	97	68	1982	50	100	5
1983	1,000	86	86	1983	120	83	10
YUMA							
1979	*						
1980	*						
1981	*						
1982	150	80	12				
1983	*						

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CANTALOUPS FALL: Acreage, yield and production, price and value, Arizona, 1979-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1979	2,000	2,000	105	210	17.10	3,599
1980	1,900	1,900	96	182	10.50	1,912
1981	900	900	126	113	11.90	1,345
1982	950	950	93	88	11.80	1,038
1983	1,450	1,300	82	107	17.90	1,915

1/ Average price for the October through November marketing season.

WATERMELONS: Acreage, yield and production, Arizona, by counties, 1979-83 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
COCHISE				LA PAZ			
1979	400	123	49				
1980	750	92	69				
1981	750	61	46				
1982	450	113	51				
1983	220	68	15	1983	290	276	80
MARICOPA				MOHAVE			
1979	4,100	137	563	1979	*		
1980	1,700	194	330	1980	*		
1981	1,690	240	405	1981	*		
1982	2,300	282	649	1982	100	220	22
1983	2,610	251	655	1983	50	40	2
PINAL				YUMA			
1979	700	127	89	1979	1,100	127	140
1980	500	192	96	1980	450	171	77
1981	400	223	89	1981	760	183	139
1982	950	273	259	1982	1,400	226	316
1983	490	227	111	1983	640	300	192

1/ Watermelons are planted as Spring and Fall crops. Estimates by season are unavailable.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

WATERMELONS: Acreage, yield and production, price and value, Arizona, 1979-83 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 2/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1979	6,300	6,300	134	841	4.24	3,568
1980	3,400	3,400	168	572	6.35	3,632
1981	3,600	3,600	189	679	7.98	5,418
1982	5,200	5,200	249	1,297	4.00	5,188
1983	4,300	4,300	245	1,055	5.85	6,172

1/ Watermelons are planted as Spring and Fall crops. Estimates by season are unavailable.
2/ Average price for the May through July and September through November marketing seasons.

BROCCOLI: Acreage, yield and production, Arizona, by counties, 1978-79 - 1982-83

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
MARICOPA				YUMA			
1978-79	900	54	49	1978-79	300	60	18
1979-80	650	68	44	1979-80	*		
1980-81	700	71	50	1980-81	*		
1981-82	850	76	65	1981-82	*		
1982-83	950	73	69	1982-83	*		

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

BROCCOLI: Acreage, yield and production, price and value, Arizona, 1978-79 - 1982-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1978-79	1,200	1,200	56	67	27.60	1,847
1979-80	650	650	68	44	29.30	1,287
1980-81	700	700	71	50	28.00	1,402
1981-82	850	850	76	65	33.10	2,150
1982-83	950	950	73	69	27.40	1,889

1/ Average price for the December through April marketing season.

SPRING POTATOES: Acreage, yield and production, Arizona, by counties, 1979-83

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 cwt.		Acres	Cwt.	1,000 cwt.
COCHISE				MARICOPA			
1979	*			1979	6,200	210	1,302
1980	*			1980	4,400	290	1,276
1981	*			1981	5,200	280	1,456
1982	*			1982	4,700	305	1,434
1983	*			1983	4,900	260	1,274
YUMA							
1979	*						
1980	*						
1981	*						
1982	*						
1983	*						

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SPRING POTATOES: Acreage, yield and production, price and value, Arizona, 1979-83

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 cwt.	Dol./cwt.	1,000 dol.
1979	6,200	6,200	210	1,302	4.40	5,729
1980	4,400	4,400	290	1,276	5.25	6,699
1981	5,200	5,200	280	1,456	7.55	10,993
1982	4,700	4,700	305	1,434	6.55	9,393
1983	4,900	4,900	260	1,274	6.75	8,600

1/ Average price for the April through July marketing season.

SPRING POTATOES: Monthly and season average prices received by growers, Arizona, 1979-83 1/

Year	April	May	June	July	Season average
			Dollars cwt.		
1979	--	5.50	4.15	3.95	4.40
1980	--	5.70	4.90	--	5.25
1981	12.40	9.15	6.20	5.90	7.55
1982	8.10	8.20	5.60	4.85	6.55
1983 2/	--	7.80	6.10	--	6.75

1/ Includes fresh market and processed potato prices.

2/ Preliminary.

OTHER VEGETABLES: Acres, production and value, Arizona, 1981-83

Crop	Year	Harvested acres 1/	Unit	Production 1/	Value of production 2/
		Acres		1,000	1,000 dol.
BEETS	1981	64	35 lb. Carton	37,321	187
	1982	72		13,959	70
	1983	90		33,307	165
BOK CHOY	1981	34	35 lb. Carton	13,007	81
	1982	49		14,828	105
	1983	43		36,243	270
CABBAGE	1981	1,054	50 lb. Carton	251,000	1,064
	1982	768		400,995	1,203
	1983	957		385,519	1,181
ENDIVE	1981	93	25 lb. Carton	31,302	125
	1982	87		35,619	144
	1983	67		36,813	148
ESCAROLE	1981	46	50 lb. Carton	9,684	39
	1982	48		6,651	28
	1983	38		5,787	24
GARLIC	1981	20	Ton	68	7
	1982	543		3,893	280
	1983	4		4/	4/
GREENS	1981	1,798	25 lb. Carton	1,713,067	6,852
	1982	1,629		1,794,713	4,488
	1983	1,896		1,551,874	6,456
LETTUCE, BOSTON	1981	105	35 lb. Carton	18,700	70
	1982	91		13,671	52
	1983	131		4,382	20
LETTUCE, LEAF	1981	600	35 lb. Carton	292,034	1,022
	1982	550		360,227	1,440
	1983	681		463,661	2,320
LETTUCE, ROMAINE	1981	279	35 lb. Carton	171,329	687
	1982	259		234,847	940
	1983	490		404,251	2,828
ONIONS, GREEN	1981	2,362	18 lb. Carton	2,887,085	12,992
	1982	2,151		3,092,408	12,368
	1983	2,500		2,919,314	11,355
PARSLEY	1981	158	21 lb. Carton	98,235	393
	1982	146		95,149	404
	1983	144		119,981	540
PUMPKINS	1981	344	Ton	369	24
	1982	342		483	30
	1983	378		359	32
RADISHES	1981	93	40 lb. Carton	96,367	313
	1982	186		86,243	344
	1983	241		144,142	540

OTHER VEGETABLES: Acres, production and value, Arizona, 1981-83 (Cont'd)

Crop	Year	Harvested acres 1/	Unit	Production 1/	Value of production 2/
		Acres		1,000	1,000 dol.
RAPINI	1981	719	25 lb. Carton	282,437	1,977
	1982	525		221,918	1,554
	1983	683		240,195	1,680
SPINACH	1981	322	25 lb. Carton	127,962	448
	1982	243		130,506	524
	1983	142		78,623	296
SQUASH	1981	70	24 lb. Carton	11,840	63
	1982	182		27,285	142
	1983	176		22,415	96
TURNIPS	1981	560	25 lb. Sacks	239,710	900
	1982	374		172,729	606
	1983	274		138,984	521
MISCELLANEOUS VEGETABLES 2/ 3/	1981	1,608		5/	4,324
	1982	2,575		5/	3,928
	1983	2,369		5/	3,339

1/ Acreage and production figures from the Arizona Fruit and Vegetable Standardization Service annual reports. 1981 production excluded intrastate sales.

2/ Value of production developed with the assistance of the Arizona Fruit and Vegetable Standardization Service, the Arizona Cooperative Extension Service, Market News Service and local growers.

3/ Includes anise, artichokes, asparagus, beet root, blackeyed peas, chard, chili peppers, eggplant, green beans, green peas, green peppers, lima beans, Mexican corn, miscellaneous melons, napa, okra, parsnip, rutabagas, tomatoes and turnips.

4/ Not available.

5/ Not available due to the different units of production for these vegetables.

FRUITS & NUTS

Arizona is a state of variety with many specialty crops in addition to the major field crops. The state is probably best known for its citrus industry which includes lemons, oranges, grapefruit and tangerines. For the 1982-83 crop season, 42,400 acres of citrus were harvested. Lemons with 19,460 acres harvested, accounted for nearly half of the state's total citrus acreage. Lemon acreage harvested has remained stable over the last 10 year period. The second ranking crop was all oranges with 12,640 acres harvested accounting for nearly one-third of the total citrus acreage. The all orange acreage harvested for the 1982-83 season consisted of 7,530 acres of valencias and 5,110 acres of navels and miscellaneous oranges. Valencia acreage harvested has declined to about half the acreage harvested 10 years ago. Grapefruit with 6,800 acres harvested during the 1982-83 season ranked third following all oranges. Tangerines were fourth with 3,500 acres harvested.

Lemon production for the 1982-83 season totaled 10.1 million cartons, 20 percent lower than the previous year. All orange production at 7.6 million cartons was the largest production since the 1976-77 season when 7.9 million cartons were produced. Grapefruit production of 5.4 million cartons was up 13 percent from a year earlier. Tangerine production for the 1982-83 season totaled 1.76 million cartons, 17 percent higher than a year earlier.

Arizona's citrus production for the 1982-83 season was valued at $52,711,000, a 6 percent increase over the previous season's value of production. The value of navel and miscellaneous oranges at $9,166,000, was up 73 percent over the previous year while the valencia crop at $9,213,000 was down 29 percent. The value of production for grapefruit, lemons and tangerines were up 22 percent, 6 percent and 3 percent respectively.

Grapes were another important fruit in Arizona producing a value of 15.3 million dollars in 1983. This was up 2 percent from the previous year's value. Bearing acres have increased each year for the last three years with the 1983 bearing acreage 22 percent higher than the 1980 acreage. Acreage has remained stable in the western areas with all the increase in the central areas. Most of the acreage increase has been for the Thompson seedless variety.

Miscellaneous fruit and nut crops include apples, apricots, nectarines, peaches, plums, pecans and pistachios. Pecans are by far the most important crop with more acreage than all the other miscellaneous fruits and nuts combined. Most of the pecan acreage is in south central Arizona. Pistachios are relatively new with less than 100 acres in 1979 and increasing to over 1,200 acres in 1983. For much of this acreage, the trees have not yet reached bearing age.

GRAPES: Acreage by area and variety, Arizona, 1979-84

Area and year	Variety					Total
	Perlette	Exotics	Thompson Seedless	Cardinals	Miscellaneous	
			Acres			Acres
CENTRAL						
1979	391	92	1,362	160	15	2,020
1980	444	97	1,318	100	15	1,974
1981	514	81	1,373	120	28	2,116
1982	646	71	1,431	145	139	2,432
1983	750	76	1,571	67	223	2,687
1984 1/	875	57	1,856	25	405	3,218
WESTERN						
1979	219	42	718	112	8	1,099
1980	248	42	718	112	8	1,128
1981	248	42	718	112	8	1,128
1982	227	22	673	98	37	1,057
1983	227	22	673	98	67	1,087
1984 1/	243	22	673	107	108	1,153
ARIZONA						
1979	610	134	2,080	272	23	3,119
1980	692	139	2,036	212	23	3,102
1981	762	123	2,091	232	36	3,244
1982	873	93	2,104	243	176	3,489
1983	977	98	2,244	165	290	3,774
1984 1/	1,118	79	2,529	132	513	4,371

1/ Preliminary.
Source: Arizona Fruit and Vegetable Standardization Service.

GRAPES: Production, price and value, Arizona, 1979-83

Year	Production	Season average price 1/	Value of production
	Tons	Dol./Ton	1,000 Dol.
1979	13,500	930.00	12,555
1980	12,400	1,170.00	14,508
1981	12,400	1,240.00	15,376
1982	15,100	991.00	14,964
1983	14,600	1,050.00	15,330

1/ Average price for the June 5-July 15 marketing season.

GRAPEFRUIT: Acreage and production, by varieties, Arizona, by counties, 1978-79 - 1982-83

County and crop year	Harvested			Fresh 1/	Processed 1/
	White	Red Blush	All		
	Acres			1,000 cartons 2/	
MARICOPA 3/					
1978-79	2,790	2,680	5,470	1,320	1,510
1979-80	2,760	2,320	5,080	1,580	2,130
1980-81	2,540	2,750	5,290	2,080	1,560
1981-82	2,690	2,750	5,440	1,580	1,930
1982-83	1,945	2,325	4,270	2,180	1,320
YUMA					
1978-79	710	2,710	3,420	780	890
1979-80	770	2,590	3,360	1,060	1,230
1980-81	570	2,250	2,820	1,120	840
1981-82	420	2,300	2,720	580	710
1982-83	310	2,220	2,530	1,060	840

1/ Production for all grapefruit.
2/ Net weight per carton, 32 pounds.
3/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

GRAPEFRUIT: Acreage, production, price and value, Arizona, 1978-79 - 1982-83

Year	Harvested	Production	Season average price 1/	Value of production
	Acres	1,000 cartons 2/	Dol./ctn.	1,000 dol.
1978-79	8,890	4,500	1.45	6,503
1979-80	8,440	6,000	1.30	7,770
1980-81	8,110	5,600	1.96	10,976
1981-82	8,160	4,800	1.18	5,664
1982-83	6,800	5,400	1.28	6,918

1/ Equivalent packinghouse door returns. Marketing season November 1 - July 31.
2/ Net weight per carton, 32 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

GRAPEFRUIT: Monthly prices and equivalent returns by utilization, Arizona, 1978-79 - 1982-83

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
	Dollars per carton 1/						
1978-79							
Oct.	--	--	--	--	--	--	--
Nov.	3.54	1.23	1.67	.29	.63	1.07	-.31
Dec.	3.81	.88	1.94	.29	.28	1.34	-.31
Jan.	3.43	.68	1.56	.29	.08	.96	-.31
Feb.	3.69	.75	1.82	.29	.15	1.22	-.31
Mar.	4.07	1.06	2.20	.29	.46	1.60	-.31
Apr.	4.71	1.72	2.84	.29	1.12	2.24	-.31
May	6.20	2.44	4.33	.29	1.84	3.73	-.31
June	6.45	2.29	4.58	.29	1.69	3.98	-.31
July	--	--	--	--	--	--	--

GRAPEFRUIT: Monthly prices and equivalent returns by utilization, Arizona, 1978-79 - 1982-83 (Cont'd)

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1979-80							
Oct.	7.35	5.11	5.63	.28	4.56	5.08	-.27
Nov.	4.43	2.22	2.73	.34	1.67	2.18	-.21
Dec.	4.40	2.07	2.70	.34	1.52	2.15	-.21
Jan.	4.20	1.82	2.50	.34	1.27	1.95	-.21
Feb.	4.38	1.77	2.68	.34	1.22	2.13	-.21
Mar.	4.13	.99	2.43	.34	.44	1.88	-.21
Apr.	3.88	1.04	2.18	.34	.49	1.63	-.21
May	3.83	1.12	2.13	.34	.57	1.58	-.21
June	4.38	1.23	2.68	.34	.68	2.13	-.21
July	3.70	1.09	2.00	.34	.54	1.45	-.21
1980-81							
Oct.	4.67	3.02	3.02	--	2.42	2.42	--
Nov.	4.23	1.98	2.41	.52	1.38	1.81	-.08
Dec.	4.02	1.52	2.20	.52	.92	1.60	-.08
Jan.	4.09	1.70	2.27	.52	1.10	1.67	-.08
Feb.	4.01	1.56	2.19	.52	.96	1.59	-.08
Mar.	3.98	1.50	2.16	.52	.90	1.56	-.08
Apr.	4.80	1.83	2.98	.52	1.23	2.38	-.08
May	5.65	2.20	3.83	.52	1.60	3.23	-.08
June	6.30	2.83	4.48	.43	2.23	3.88	-.17
July	5.80	1.04	3.98	.43	.44	3.38	-.17
1981-82							
Oct.	5.05	1.87	3.23	.19	1.27	2.63	-.41
Nov.	4.32	1.86	2.50	.19	1.26	1.90	-.41
Dec.	4.41	1.28	2.59	.19	.68	1.99	-.41
Jan.	4.82	1.47	3.00	.19	.87	2.40	-.41
Feb.	4.61	1.02	2.39	-.01	.32	1.69	-.71
Mar.	4.42	1.01	2.20	-.01	.31	1.50	-.71
Apr.	4.22	.89	2.00	-.01	.19	1.30	-.71
May	4.36	.94	2.14	-.01	.24	1.44	-.71
June	4.70	1.14	2.48	-.01	.44	1.78	-.71
July	5.45	1.35	3.23	-.01	.65	2.53	-.71
1982-83							
Oct.	--	--	--	--	--	--	--
Nov.	3.97	1.46	1.69	.06	.74	.97	-.66
Dec.	3.89	1.22	1.61	.06	.50	.89	-.66
Jan.	3.73	1.18	1.45	.06	.46	.73	-.66
Feb.	3.69	1.00	1.41	.06	.28	.69	-.66
Mar.	3.90	.96	1.62	.06	.24	.90	-.66
Apr.	3.99	.97	1.71	.06	.25	.99	-.66
May	4.34	1.23	2.06	.06	.51	1.34	-.66
June	5.20	1.63	2.92	.06	.91	2.20	-.66
July	4.93	1.36	2.65	.06	.64	1.93	-.66

1/ Net weight per carton, 32 pounds.

LEMONS: Acreage and production, Arizona, by counties, 1978-79 - 1982-83

County and crop year	Harvested	Fresh	Processed
	Acres	1,000 cartons 1/	
MARICOPA 2/			
1978-79	1,430	670	970
1979-80	2,150	410	600
1980-81	2,150	500	1,050
1981-82	2,250	670	970
1982-83	2,070	820	680
YUMA			
1978-79	17,180	4,930	4,430
1979-80	18,110	2,760	2,330
1980-81	17,030	3,980	8,470
1981-82	19,360	4,490	6,470
1982-83	17,390	3,940	4,660

1/ Net weight per carton, 38 pounds.
2/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

LEMONS: Acreage, production, price and value, Arizona, 1978-79 - 1982-83

Year	Harvested	Production	Season average price 1/	Value of production
	Acres	1,000 cartons 2/	Dol./ctn.	1,000 dol.
1978-79	18,610	11,000	2.01	22,055
1979-80	20,260	6,100	4.05	24,675
1980-81	19,180	14,000	2.06	28,790
1981-82	21,610	12,600	1.66	20,944
1982-83	19,460	10,100	2.21	22,275

1/ Equivalent packinghouse door returns. Marketing season August 15 - March 1.
2/ Net weight per carton, 38 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

LEMONS: Monthly prices and equivalent returns, by utilization, Arizona, 1978-79 - 1982-83

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
	Dollars per carton 1/						
1978-79							
Sept.	--	--	--	--	--	--	--
Oct.	--	--	--	--	--	--	--
Nov.	5.80	2.20	3.10	.51	1.02	1.82	-.49
Dec.	5.85	2.09	3.15	.51	.92	1.87	-.49
Jan.	6.10	2.13	3.40	.51	.98	2.12	-.49
Feb.	6.45	2.06	3.75	.51	.93	2.47	-.49
Mar.	6.10	1.77	3.40	.51	.65	2.12	-.49
Apr.	6.25	1.77	3.55	.51	.65	2.27	-.49
May	7.25	2.05	4.55	.51	.95	3.27	-.49
June	6.30	1.36	3.60	.51	.28	2.32	-.49

LEMONS: Monthly prices and equivalent returns, by utilization, Arizona, 1978-79 - 1982-83 (Cont'd)

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1979-80							
Sept.	12.60	8.59	9.35	.65	7.13	7.85	-.35
Oct.	12.85	7.51	9.60	.65	6.13	8.10	-.35
Nov.	10.30	5.35	7.05	1.53	3.85	5.55	.03
Dec.	8.75	3.46	5.50	1.53	1.96	4.00	.03
Jan.	7.10	2.51	3.85	1.53	1.01	2.35	.03
Feb.	5.90	1.92	2.65	1.60	.42	1.15	.10
Mar.	5.80	1.38	2.55	1.20	.13	1.05	-.30
Apr.	--	--	--	--	--	--	--
May	--	--	--	--	--	--	--
June	--	--	--	--	--	--	--
1980-81							
Sept.	10.85	5.37	7.65	2.22	3.92	6.20	.77
Oct.	10.10	3.95	6.90	2.22	2.50	5.45	.77
Nov.	7.45	2.67	4.25	1.27	1.22	2.80	-.18
Dec.	6.60	2.14	3.40	1.27	.69	1.95	-.18
Jan.	6.05	1.84	2.85	1.27	.39	1.40	-.18
Feb.	5.55	1.56	2.35	1.27	.11	.90	-.18
Mar.	5.75	1.50	2.55	1.27	.05	1.10	-.18
Apr.	6.20	1.43	3.00	1.27	.03	1.55	-.18
May	--	1.27	--	1.27	.18	--	-.18
June	--	--	--	--	--	--	--
1981-82							
Sept.	11.25	4.66	8.05	.06	3.21	6.60	-1.39
Oct.	7.25	1.86	4.05	.06	.41	2.60	-1.39
Nov.	6.70	1.33	3.25	.04	.15	1.78	-1.44
Dec.	6.95	1.48	3.50	.04	.01	2.03	-1.44
Jan.	6.55	1.20	3.10	.04	.28	1.63	-1.44
Feb.	6.20	.77	2.75	-.08	.71	1.28	-1.55
Mar.	6.55	.65	3.10	-.08	.83	1.63	-1.55
Apr.	9.45	1.68	6.00	-.08	.21	4.53	-1.55
May	--	--	--	--	--	--	--
June	--	--	--	--	--	--	--
1982-83							
Sept.	11.70	4.40	8.00	.13	2.83	6.43	-1.45
Oct.	8.45	2.41	4.78	.12	.83	3.20	-1.46
Nov.	8.35	2.28	4.63	.12	.70	3.05	-1.46
Dec.	7.70	1.86	3.98	.12	.28	2.40	-1.46
Jan.	6.95	1.47	3.23	.12	.11	1.65	-1.46
Feb.	6.55	1.39	2.83	.12	.19	1.25	-1.46
Mar.	7.15	1.49	3.43	.12	.10	1.85	-1.46
Apr.	7.45	1.57	3.73	.12	.02	2.15	-1.46
May	--	--	--	--	--	--	--
June	--	--	--	--	--	--	--

1/ Net weight per carton, 38 pounds.

VALENCIA ORANGES: Acreage and production, Arizona, by counties, 1978-79 - 1982-83

County and crop year	Harvested	Fresh	Processed
	Acres	1,000 cartons 1/	
MARICOPA 2/			
1978-79	2,990	700	790
1979-80	3,460	1,510	960
1980-81	3,030	770	520
1981-82	3,510	1,180	630
1982-83	2,940	1,530	910
YUMA			
1978-79	6,460	1,380	1,530
1979-80	6,570	1,590	1,240
1980-81	4,760	1,250	860
1981-82	4,440	1,620	870
1982-83	4,590	1,730	1,330

1/ Net weight per carton, 37.5 pounds.
2/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

VALENCIA ORANGES: Acreage, production, price and value, Arizona, 1978-79 - 1982-83

Year	Harvested	Production	Season average price 1/	Value of production
	Acres	1,000 cartons 2/	Dol./ctn.	1,000 dol.
1978-79	9,450	4,400	2.54	11,176
1979-80	10,030	5,300	1.23	6,519
1980-81	7,790	3,400	1.46	4,965
1981-82	7,950	4,300	3.02	12,968
1982-83	7,530	5,500	1.68	9,213

1/ Equivalent packinghouse door returns. Marketing season February 1 - July 15.
2/ Net weight per carton, 37.5 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

VALENCIA ORANGES: Monthly prices and equivalent returns, by utilization, Arizona 1978-79 - 1982-83

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1978-79							
Jan.	--	--	--	--	--	--	--
Feb.	6.55	2.50	4.40	1.28	1.63	3.35	.53
Mar.	5.70	2.47	3.55	1.28	1.56	2.50	.53
Apr.	6.15	2.71	4.00	1.28	1.80	2.95	.53
May	6.50	2.46	4.35	1.28	1.60	3.30	.53
June	5.45	1.88	3.30	1.28	1.04	2.25	.53
July	4.36	1.65	2.21	1.28	.78	1.16	.53
Aug.	--	--	--	--	--	--	--

VALENCIA ORANGES: Monthly prices and equivalent returns, by utilizaiton, Arizona 1978-79 - 1982-83 (Cont'd)

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1979-80							
Jan.	--	--	--	--	--	--	--
Feb.	4.20	1.61	1.85	.83	.91	1.15	.13
Mar.	4.13	1.40	1.78	.83	.70	1.08	.13
Apr.	3.65	1.08	1.30	.83	.38	.60	.13
May	3.83	1.20	1.48	.83	.50	.78	.13
June	4.08	1.48	1.73	.83	.78	1.03	.13
July	4.03	1.37	1.68	.83	.67	.98	.13
Aug.	3.18	.83	.83	.83	.13	.13	.13
1980-81							
Jan.	3.82	1.43	1.67	.55	.73	.97	-.15
Feb.	4.73	2.03	2.58	.55	1.33	1.88	-.15
Mar.	4.42	1.45	1.92	.45	.70	1.17	-.30
Apr.	4.11	1.11	1.61	.45	.36	.86	-.30
May	5.10	1.45	2.60	.45	.70	1.85	-.30
June	6.15	3.58	3.65	1.15	2.83	2.90	.40
July	6.65	3.26	4.15	1.15	2.51	3.40	.40
Aug.	--	--	--	--	--	--	--
1981-82							
Jan.	--	--	--	--	--	--	--
Feb.	5.85	2.78	3.63	.95	1.93	2.78	.10
Mar.	5.80	2.56	3.58	.95	1.71	2.73	.10
Apr.	6.30	2.96	4.08	.95	2.11	3.23	.10
May	7.35	3.84	5.13	.95	2.99	4.28	.10
June	7.60	4.16	5.38	.95	3.31	4.53	.10
July	7.20	3.63	4.98	.95	2.78	4.13	.10
Aug.	--	--	--	--	--	--	--
1982-83							
Jan.	3.94	1.47	1.47	--	.55	.55	.02
Feb.	4.19	1.37	1.72	.94	.45	.80	.02
Mar.	4.21	1.41	1.74	.94	.49	.82	.02
Apr.	4.24	1.43	1.77	.94	.51	.85	.02
May	4.85	1.85	2.38	.94	.93	1.46	.02
June	5.45	2.01	2.98	.94	1.09	2.06	.02
July	5.50	2.08	3.03	.94	1.16	2.11	.02
Aug.	5.00	1.77	2.53	.94	.85	1.61	.02

1/ Net weight per carton, 37.5 pounds.

NAVEL, SWEET AND MISCELLANEOUS ORANGES: Acreage and production, Arizona, by counties, 1978-79 - 1982-83

County and crop year	Harvested	Fresh	Processed
	Acres	1,000 cartons 1/	
MARICOPA 2/			
1978-79	5,070	1,100	180
1979-80	5,350	1,220	370
1980-81	5,200	1,270	430
1981-82	5,340	1,400	350
1982-83	4,900	1,780	260
YUMA			
1978-79	250	100	20
1979-80	280	80	30
1980-81	220	70	30
1981-82	230	40	10
1982-83	210	50	10

1/ Net weight per carton, 37.5 pounds.
2/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

NAVEL, SWEET AND MISCELLANEOUS ORANGES: Acreage, production, price and value, Arizona, 1978-79 - 1982-83

Year	Harvested	Production	Season average price 1/	Value of production
	Acres	1,000 cartons 2/	Dol./ctn.	1,000 dol.
1978-79	5,320	1,400	4.45	6,230
1979-80	5,630	1,700	2.58	4,378
1980-81	5,420	1,800	2.83	5,085
1981-82	5,570	1,800	2.95	5,312
1982-83	5,110	2,100	4.37	9,166

1/ Equivalent packinghouse door returns. Marketing season November 1 - March 15.
2/ Net weight per carton, 37.5 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

NAVEL, SWEET AND MISCELLANEOUS ORANGES: Monthly prices and equivalent returns, by utilization, Arizona 1978-79 - 1982-83

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
	Dollars per carton 1/						
1978-79							
Oct.	11.40	9.30	9.30	--	8.30	8.30	--
Nov.	8.35	5.93	6.25	.55	4.95	5.25	-.15
Dec.	6.60	3.84	4.50	.55	2.89	3.50	-.15
Jan.	5.55	2.75	3.45	.55	1.82	2.45	-.15
Feb.	5.45	2.32	3.35	.55	1.43	2.35	-.15
Mar.	3.91	1.50	1.81	.55	.57	.81	-.15

NAVEL, SWEET AND MISCELLANEOUS ORANGES: Monthly prices and equivalent returns, by utilization; Arizona 1978-79 - 1982-83 (Cont'd)

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1979-80							
Oct.	--	--	--	--	--	--	--
Nov.	7.75	4.57	5.45	.54	3.87	4.75	-.16
Dec.	5.30	2.56	3.00	.54	1.86	2.30	-.16
Jan.	4.08	1.48	1.78	.54	.78	1.08	-.16
Feb.	4.30	1.44	2.00	.54	.74	1.30	-.16
Mar.	4.13	1.25	1.83	.54	.55	1.13	-.16
1980-81							
Oct.	6.85	3.32	4.75	.13	2.62	4.05	-.57
Nov.	7.25	4.20	5.15	.13	3.50	4.45	-.57
Dec.	6.05	3.03	3.95	.13	2.33	3.25	-.57
Jan.	4.85	1.97	2.75	.13	1.27	2.05	-.57
Feb.	3.55	1.01	1.45	.13	.31	.75	-.57
Mar.	3.05	.66	.95	.13	.04	.25	-.57
1981-82							
Oct.	--	--	--	--	--	--	--
Nov.	5.40	2.53	3.23	.16	1.70	2.40	-.67
Dec.	5.85	3.03	3.68	.16	2.20	2.85	-.67
Jan.	6.10	3.31	3.90	.16	2.48	3.08	-.67
Feb.	6.25	3.33	4.05	1.00	2.50	3.23	.17
Mar.	5.25	2.71	3.05	1.00	1.88	2.23	.17
1982-83							
Oct.	14.25	11.11	11.87	.60	10.28	11.04	-.23
Nov.	8.60	5.55	6.22	.60	4.72	5.39	-.23
Dec.	6.95	4.19	4.57	.60	3.36	3.74	-.23
Jan.	5.55	2.85	3.17	.60	2.02	2.34	-.23
Feb.	5.65	2.65	3.27	.60	1.82	2.44	-.23
Mar.	4.89	2.24	2.51	.60	1.41	1.68	-.23

1/ Net weight per carton, 37.5 pounds.

ALL ORANGES: Acreage and production, Arizona, by counties, 1978-79 - 1982-83

County and crop year	Harvested	Fresh	Processed
	Acres	1,000 cartons 1/	
MARICOPA 2/			
1978-79	8,060	1,800	970
1979-80	8,810	2,730	1,330
1980-81	8,230	2,040	950
1981-82	8,850	2,580	980
1982-83	7,840	3,310	1,170
YUMA			
1978-79	6,710	1,480	1,550
1979-80	6,850	1,670	1,270
1980-81	4,980	1,320	890
1981-82	4,670	1,660	880
1982-83	4,800	1,780	1,340

1/ Net weight per carton, 37.5 pounds.
2/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

ALL ORANGES: Acreage, production, price and value, Arizona, 1978-79 - 1982-83

Year	Harvested	Production	Season average price 1/	Value of production
	Acres	1,000 cartons 2/	Dol./ctn.	1,000 dol.
1978-79	14,770	5,800	3.00	17,406
1979-80	15,660	7,000	1.56	10,897
1980-81	13,210	5,200	1.94	10,050
1981-82	13,520	6,100	3.00	18,280
1982-83	12,640	7,600	2.42	18,379

1/ Equivalent packinghouse door returns.
2/ Net weight per carton, 37.5 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

ALL ORANGES: Monthly prices and equivalent returns, by utilization, Arizona 1978-79 - 1982-83

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1978-79							
Oct.	11.40	9.30	9.30	--	8.30	8.30	--
Nov.	8.35	5.93	6.25	.55	4.95	5.25	-.15
Dec.	6.60	3.84	4.50	.55	2.89	3.50	-.15
Jan.	5.55	2.75	3.45	.55	1.82	2.45	-.15
Feb.	6.19	2.45	4.06	1.17	1.58	3.03	.43
Mar.	5.68	2.46	3.53	1.28	1.55	2.48	.53
Apr.	6.15	2.71	4.00	1.28	1.80	2.95	.53
May	6.50	2.46	4.35	1.28	1.60	3.30	.53
June	5.45	1.88	3.30	1.28	1.04	2.25	.53
July	4.36	1.65	2.21	1.28	.78	1.16	.53

ALL ORANGES: Monthly prices and equivalent returns, by utilization, Arizona 1978-79 - 1982-83 (Cont'd)

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1979-80							
Oct.	--	--	--	--	--	--	--
Nov.	7.75	4.57	5.45	.54	3.87	4.75	-.16
Dec.	5.30	2.56	3.00	.54	1.86	2.30	-.16
Jan.	4.08	1.48	1.78	.54	.78	1.08	-.16
Feb.	4.26	1.50	1.94	.62	.80	1.24	-.09
Mar.	4.13	1.39	1.78	.80	.69	1.08	.10
Apr.	3.65	1.08	1.30	.83	.38	.60	.13
May	3.83	1.20	1.48	.83	.50	.78	.13
June	4.08	1.48	1.73	.83	.78	1.03	.13
July	4.03	1.37	1.68	.83	.67	.98	.13
1980-81							
Oct.	6.85	3.32	4.75	.13	2.62	4.05	-.57
Nov.	7.25	4.20	5.15	.13	3.50	4.45	-.57
Dec.	6.05	3.03	3.95	.13	2.33	3.25	-.57
Jan.	4.70	1.90	2.59	.17	1.20	1.89	-.53
Feb.	4.08	1.44	1.95	.29	.74	1.25	-.41
Mar.	4.30	1.37	1.84	.42	.64	1.09	-.33
Apr.	4.11	1.11	1.61	.45	.36	.86	-.30
May	5.10	1.45	2.60	.45	.70	1.85	-.30
June	6.15	3.58	3.65	1.15	2.83	2.90	.40
July	6.65	3.26	4.15	1.15	2.51	3.40	.40
1981-82							
Oct.	--	--	--	--	--	--	--
Nov.	5.40	2.53	3.23	.16	1.70	2.40	-.67
Dec.	5.85	3.03	3.68	.16	2.20	2.85	-.67
Jan.	6.10	3.31	3.90	.16	2.48	3.08	-.67
Feb.	6.00	2.97	3.78	.96	2.13	2.94	.12
Mar.	5.80	2.56	3.56	.95	1.71	2.71	.10
Apr.	6.30	2.96	4.08	.95	2.11	3.23	.10
May	7.35	3.84	5.13	.95	2.99	4.28	.10
June	7.60	4.16	5.38	.95	3.31	4.53	.10
July	7.20	3.63	4.98	.95	2.78	4.13	.10
1982-83							
Oct.	14.25	11.11	11.87	.60	10.28	11.04	-.23
Nov.	8.60	5.55	6.22	.60	4.72	5.39	-.23
Dec.	6.95	4.19	4.57	.60	3.36	3.74	-.23
Jan.	5.50	2.80	3.11	.60	1.97	2.28	-.23
Feb.	5.20	2.16	2.80	.79	1.29	1.94	-.09
Mar.	4.25	1.44	1.79	.94	.53	.87	.02
Apr.	4.24	1.43	1.77	.94	.51	.85	.02
May	4.85	1.85	2.38	.94	.93	1.46	.02
June	5.45	2.01	2.98	.94	1.09	2.06	.02
July	5.50	2.08	3.03	.94	1.16	2.11	.02

1/ Net weight per carton, 37.5 pounds.

TANGERINES: Acreage and production, Arizona, by counties, 1978-79 - 1982-83

County and crop year	Harvested	Fresh	Processed
	Acres	1,000 cartons 1/	
MARICOPA 2/			
1978-79	1,890	270	220
1979-80	1,820	480	370
1980-81	1,710	430	330
1981-82	2,120	730	490
1982-83	2,020	770	480
YUMA			
1978-79	1,640	230	180
1979-80	1,460	400	250
1980-81	1,440	370	270
1981-82	1,270	170	110
1982-83	1,480	330	180

1/ Net weight per carton, 37.5 pounds.
2/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

TANGERINES: Acreage, production, price and value, Arizona, 1978-79 - 1982-83

Year	Harvested	Production	Season average price 1/	Value of production
	Acres	1,000 cartons 2/	Dol./ctn.	1,000 dol.
1978-79	3,530	900	3.87	3,483
1979-80	3,280	1,500	2.17	3,248
1980-81	3,150	1,400	3.02	4,226
1981-82	3,390	1,500	3.34	5,010
1982-83	3,500	1,760	2.92	5,139

1/ Equivalent packinghouse door returns. Marketing season November 1 - February 1.
2/ Net weight per carton, 37.5 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

TANGERINES: Monthly prices and equivalent returns, by utilization, Arizona 1978-79 - 1982-83

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1978-79							
Nov.	9.10	4.94	7.00	.53	3.99	5.95	-.23
Dec.	8.70	4.70	6.60	.53	3.75	5.55	-.23
Jan.	9.40	4.72	7.30	.53	3.79	6.25	-.23
Feb.	8.40	3.83	6.30	.53	2.91	5.25	-.23
Mar.	7.75	2.87	5.65	.53	1.99	4.60	-.23
Apr.	7.85	2.39	5.75	.53	1.54	4.70	-.23
May	7.85	2.77	5.75	.53	1.89	4.70	-.23

TANGERINES: Monthly prices and equivalent returns, by utilization, Arizona 1978-79 - 1982-83 (Cont'd)

Year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1979-80							
Nov.	7.10	2.45	3.65	.69	.95	2.15	-.81
Dec.	6.80	2.26	3.35	.69	.76	1.85	-.81
Jan.	7.80	3.06	4.35	.69	1.56	2.85	-.81
Feb.	6.60	2.07	3.15	.69	.57	1.65	-.81
Mar.	7.10	2.20	3.65	.69	.70	2.15	-.81
Apr.	4.40	.85	.95	.69	.01	.55	-.81
May	3.43	.30	.03	.69	.54	1.48	-.81
1980-81							
Nov.	7.20	2.26	3.95	.31	.76	2.45	-1.19
Dec.	7.80	2.62	4.55	.31	1.12	3.05	-1.19
Jan.	8.95	4.01	5.70	.31	2.51	4.20	-1.19
Feb.	8.45	3.15	5.20	.31	1.65	3.70	-1.19
Mar.	7.80	2.36	4.55	.31	.86	3.05	-1.19
Apr.	8.50	2.20	5.25	.31	.70	3.75	-1.19
May	--	--	--	--	--	--	--
1981-82							
Nov.	--	--	--	--	--	--	--
Dec.	8.60	3.59	5.15	.59	2.06	3.63	-.94
Jan.	8.65	3.73	5.20	.59	2.20	3.68	-.94
Feb.	8.05	3.14	4.60	.55	1.61	3.08	-.98
Mar.	8.40	2.67	4.95	.53	1.14	3.43	-1.00
Apr.	9.70	3.73	6.25	.53	2.21	4.73	-1.00
May	7.10	2.47	3.65	.53	.95	2.13	-1.00
1982-83							
Nov.	8.55	3.08	4.91	.52	1.56	3.39	-1.01
Dec.	7.75	2.86	4.11	.52	1.34	2.59	-1.01
Jan.	8.20	3.39	4.56	.52	1.87	3.04	-1.01
Feb.	7.95	2.63	4.31	.52	1.11	2.79	-1.01
Mar.	7.85	2.52	4.21	.52	.99	2.69	-1.01
Apr.	7.65	2.52	4.01	.52	.99	2.49	-1.01
May	--	--	--	--	--	--	--

1/ Net weight per carton, 37.5 pounds.

DECIDUOUS FRUITS AND NUTS: Acreage in production, Arizona, by area, 1979-1984

Crop and area	1979	1980	1981	1982	1983	1984 1/
			Acres			
FRUIT						
APPLES						
Central	118	81	81	99	18	18
Eastern	460	420	465	459	873	951
Total	578	501	546	558	891	969
APRICOTS						
Central	230	234	191	39	52	93
Eastern	8	8	58	--	--	--
Western	50	--	--	--	--	--
Total	288	242	249	39	52	93
FIGS						
Central	--	--	--	--	--	50
Total	--	--	--	--	--	50
NECTARINES						
Central	59	75	101	91	62	56
Western	40	--	--	--	--	--
Total	99	75	101	91	62	56
PEACHES						
Central	512	435	256	224	167	179
Eastern	110	455	285	405	334	309
Western	40	--	--	--	--	--
Total	662	890	541	629	501	488
PLUMS						
Central	564	625	489	403	390	400
Eastern	40	35	50	--	--	--
Western	80	--	--	--	--	--
Total	684	660	539	403	390	400
NUTS						
PECANS						
Central	8,545	9,485	9,927	9,927	10,665	10,392
Eastern	105	105	630	630	670	2,756
Western	538	538	948	1,058	1,253	1,123
Total	9,188	10,128	11,505	11,615	12,588	14,271
PISTACHIOS						
Central	20	210	219	219	411	457
Eastern	--	--	110	110	837	186
Western	--	--	--	--	10	150
Total	20	210	329	329	1,258	793

1/ Preliminary.

Source: Arizona Fruit and Vegetable Standardization Service.

OTHER FRUITS AND NUTS: Acres, production and value, Arizona, 1981-83

Crop	Year	Acres in production 1/	Unit	Production 1/	Value of production 2/
		Acres		1,000	1,000 dol.
FRUIT					
APPLES 3/	1981	546	40 Lb. Carton	16	111
	1982	558		18	180
	1983	891		57	540
APRICOTS	1981	249	22 Lb. Lug	2	11
	1982	97		2	18
	1983	52		10	70
NECTARINES	1981	101	22 Lb. Lug	6	55
	1982	91		21	318
	1983	62		13	139
PEACHES	1981	541	22 Lb. Lug	70	704
	1992	629		93	1,109
	1983	501		68	543
PEARS	1981	14	22 Lb. Lug	45	156
	1982	17		45	156
	1983	4/		4/	4/
PLUMS	1981	539	22 Lb. Lug	8	27
	1982	423		91	819
	1983	390		81	678
NUTS					
PECANS	1981	11,505	Ton	4/	4/
	1982	11,615		4/	4/
	1983	12,588		4/	4/
PISTACHIOS	1981	329	Lb.	0	
	1982	329		20	54
	1983	1,258		50	85

1/ Acreage and production figures from the Arizona Fruit and Vegetable Standardization Service annual reports. Not all acreage listed was harvested. 1981 production excluded intrastate sales.

2/ These statistics developed with the assistance of the Arizona Fruit and Vegetable Standardization Service, the Arizona Cooperative Extension Service, Market News Service and local growers.

3/ Apples harvested preceeding fall.

4/ Not available.

CATTLE

The cattle industry is a major source of revenue to Arizona's agricultural economy. Value of beef produced during 1983 from feeder, dairy and range cattle increased 7 percent to $325.2 million. The value of milk produced by Arizona dairies in 1983 totaled $172.2 million, compared with $167.3 million the previous year.

Total cattle inventory declined 2 percent during 1983 to 980,000 head on January 1, 1984. Of this total, 407,000 were cattle in feedlots, 476,000 were on Arizona ranges and 97,000 were milk cows and replacement heifers.

Arizona is one of seven states preparing monthly estimates of cattle on feed, a closely watched indicator of total beef supply. The January 1, 1984 cattle on feed inventory of 407,000 head was up 6 percent and ranked 8th of the 13 states preparing monthly or quarterly estimates. The 1983 marketings of 533,000 head from Arizona feedlots ranked 11th in total volume.

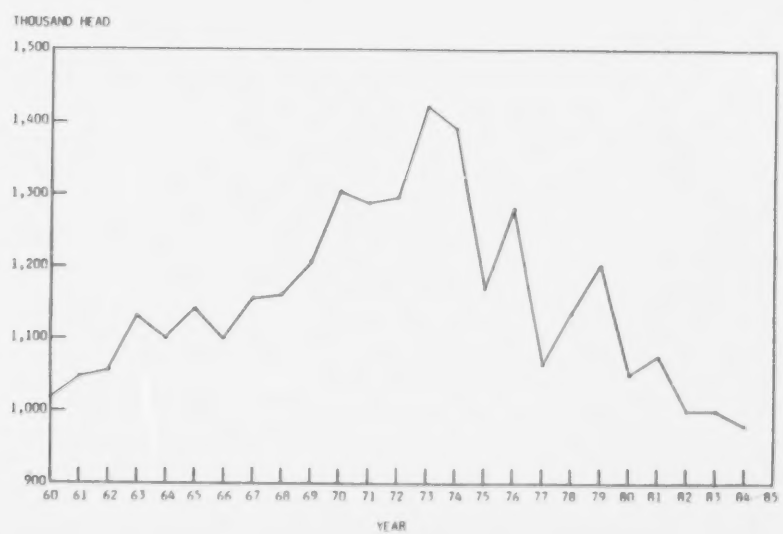
Arizona's dairy industry is comprised of 170 commercial operations with an average herd size of 500 cows. Eighty-five percent of these operations are located in the Salt River Valley within 50 miles of Phoenix. 1/ Most herds (88 percent), consist of Holstein cows followed by Guernseys, Jerseys and Brown Swiss.

The number of milk cows in the State increased for the 11th consecutive year, averaging 83,000 for the 4 quarters compared to 81,000 in 1982. Nationally, Arizona dairies ranked 4th in milk produced per cow, with an annual average of 14,904 pounds. Ninety-six percent of all milk produced in Arizona is regulated through Federal Marketing Order 131. A primary function of the order is to control the supply of milk through the establishment of minimum 'classified' prices which handlers pay to dairymen.

Reduction in the state's overall cattle inventory was primarily the result of a 36,000 head drop in range cattle. Most range cattle are located on public lands administered by the Bureau of Land Management, Forest Service or the State Land Department. Increased cattle on feed and dairy cows partially offset the drop in range cattle.

1/ Information provided by the University of Arizona, Cooperative Extension Service.

TOTAL CATTLE AND CALVES: Arizona, January 1, 1960-84



ALL CATTLE AND MILK COWS: Number of operations & inventory, Arizona & United States, January 1, 1980-84 1/

Year	Arizona				United States			
	All cattle and calves		Milk cows		All cattle and calves		Milk cows	
	Operations	Head	Operations	Head	Operations	Head	Operations	Head
	Number	1,000	Number	1,000	Number	1,000	Number	1,000
1980	4,600	1,050	800	72	1,622,530	111,192	335,770	10,779
1981	5,000	1,075	800	75	1,621,570	114,321	322,850	10,860
1982	5,200	1,000	770	80	1,611,020	115,604	312,100	11,012
1983	5,000	1,000	800	82	1,585,200	115,199	303,710	11,076
1984	2/	980	2/	82	2/	114,040	2/	11,140

1/ An operation is any place having one or more head of the species on hand at any time during the year.
2/ Not available until January 31, 1985.

CATTLE AND CALVES: Number on farms and value, Arizona, January 1, 1980-84

Year	All cattle and calves	Cows		Heifers 500 lbs. & over			Steers 500 lbs. & over	Bulls 500 lbs. & over	Heifers, steers & bulls under 500 lbs.	Value	
		Beef cows	Milk cows	Beef cow replacement	Milk cow replacement	Other heifers				Per head	Total
	1,000 Head									Dol.	1,000 Dol.
[illegible]0	1,050	258	72	45	13	27	420	24	191	465	488,250
19[illegible]	1,075	285	75	49	17	32	361	26	230	460	494,500
198[illegible]	1,000	275	80	49	19	25	334	26	192	410	410,000
1983	1,000	278	82	37	21	17	306	29	230	400	400,000
1984	980	268	82	32	15	14	305	24	240	385	377,300

CATTLE AND CALVES: Inventory, supply and disposition, Arizona, January 1, 1979-84

Year	Inventory January 1	Calf crop	Inshipments	Marketings		Farm slaughter	Deaths	
				Cattle	Calves		Cattle	Calves
	1,000 Head							
1979	1,200	265	690	955	89	2	32	27
1980	1,050	300	714	872	66	3	24	24
1981	1,075	280	567	773	85	2	24	38
1982	1,000	285	564	721	67	3	26	32
1983	1,000	275	617	810	44	3	25	30
1984	980							

CATTLE AND CALVES: Production and income, Arizona, 1979-83

Year	Production	Marketings	Average price per 100 pounds		Value of production	Cash receipts	Value of home consumption	Gross income
			Cattle	Calves				
	1,000 lbs.	1,000 lbs.	Dollars		1,000 Dol.	1,000 Dol.	1,000 Dol.	1,000 Dol.
1979	546,485	1,025,120	65.70	87.50	365,632	682,250	3,185	685,435
1980	619,475	918,478	65.10	74.60	407,538	600,697	6,510	607,207
1981	553,165	844,975	61.80	63.70	342,331	522,914	3,878	526,792
1982	504,865	767,855	60.10	61.70	304,132	461,956	4,310	466,266
1983	556,815	850,115	58.20	63.20	325,170	495,648	2,632	498,280

CATTLE AND CALVES: Number on farms, Arizona, by counties, January 1, 1980-84

Year	Cattle on feed	Milk cows	Replacement heifers	Range cattle and calves 1/	Total	Year	Cattle on feed	Milk cows	Replacement heifers	Range cattle and calves 1/	Total
			1,000 Head						1,000 Head		
APACHE						COCHISE					
1980	*	*	*	50	50	1980	*	*	*	67	70
1981	*	*	*	55	55	1981	*	*	*	66	68
1982	*	*	*	60	60	1982	*	*	*	62	63
1983	*	*	*	55	55	1983	*	*	*	64	64
1984	*	*	*	56	56	1984	*	*	*	61	62
COCONINO						GILA					
1980	*	*	*	44	44	1980	*	*	*	33	33
1981	*	*	*	47	47	1981	*	*	*	36	36
1982	*	*	*	48	48	1982	*	*	*	35	35
1983	*	*	*	58	58	1983	*	*	*	25	25
1984	*	*	*	43	43	1984	*	*	*	24	24
GRAHAM						GREENLEE					
1980	*	*	*	35	40	1980	*	*	*	14	15
1981	*	*	*	40	45	1981	*	*	*	17	18
1982	*	*	*	28	32	1982	*	*	*	18	18
1983	*	*	*	29	34	1983	*	*	*	18	18
1984	*	*	*	26	30	1984	*	*	*	17	18
LA PAZ						MARICOPA					
						1980	117	57	14	47	235
						1981	119	62	15	53	249
						1982	114	68	16	48	246
						1983	135	69	17	26	247
1984	*	*	*	3	3	1984	132	70	12	32	246
MOHAVE						NAVAJO					
1980	*	*	*	40	40	1980	*	*	*	42	42
1981	*	*	*	45	45	1981	*	*	*	47	47
1982	*	*	*	38	39	1982	*	*	*	44	45
1983	*	*	*	40	41	1983	*	*	*	46	47
1984	*	*	*	39	40	1984	*	*	*	45	45
PIMA						PINAL					
1980	*	6	1	43	50	1980	183	2	*	30	215
1981	*	6	1	40	48	1981	177	2	*	30	209
1982	*	6	1	42	49	1982	113	2	*	48	163
1983	*	6	2	41	51	1983	133	2	1	30	166
1984	*	6	1	38	45	1984	147	2	*	14	164
SANTA CRUZ						YAVAPAI					
1980	*	*	*	16	16	1980	*	*	*	59	60
1981	*	*	*	16	16	1981	*	*	*	65	67
1982	*	*	*	14	14	1982	*	*	*	62	64
1983	*	*	*	15	15	1983	*	*	*	62	64
1984	*	*	*	12	13	1984	*	*	*	63	65

CATTLE AND CALVES: Number on farms, Arizona, by counties, January 1, 1980-84 (Cont'd)

Year	Cattle on feed	Milk cows	Replacement heifers	Range cattle and calves 1/	Total
			1,000 head		
YUMA					
1980	114	*	*	25	140
1981	99	*	*	25	125
1982	99	*	*	24	124
1983	110	*	*	12	123
1984	123	*	*	3	126

1/ Range cattle and calves do not include cattle on feed or milk cows and replacement heifers in counties where these items are not published.

* Number too small to warrant quantitative estimate or not published to avoid disclosing individual operations. Livestock, if any, are included in the State totals.

CATTLE AND CALVES: Number on farms, Arizona, January 1, 1980-84

Year	Cattle on feed	Milk cows	Replacement heifers	Range cattle and calves 1/	Total
			1,000 head		
ARIZONA					
1980	420	72	13	545	1,050
1981	401	75	17	582	1,075
1982	330	80	19	571	1,000
1983	385	82	21	512	1,000
1984	407	82	15	476	980

1/ Range cattle and calves do not include cattle on feed or milk cows and replacement heifers in counties where these items are not published.

CATTLE ON FEED: Arizona, by counties, January-December, 1979-83

County	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						1,000 Head						
						1979						
Maricopa	113	95	93	72	67	77	85	84	79	79	90	91
Pinal	247	232	219	208	203	205	194	166	153	165	180	185
Yuma	123	120	110	94	85	79	77	82	79	90	91	103
Other	7	6	6	6	6	9	7	5	5	6	6	6
ARIZONA	490	453	428	380	361	370	363	337	316	340	367	385
						1980						
Maricopa	115	110	100	83	73	83	92	93	94	97	110	114
Pinal	183	163	151	140	123	111	106	123	131	134	151	164
Yuma	115	110	103	95	88	87	81	76	78	81	95	99
Other	7	6	6	6	6	6	5	5	4	5	4	5
ARIZONA	420	389	360	324	290	287	284	297	307	317	360	382
						1981						
Maricopa	119	121	113	101	102	99	95	85	88	96	108	111
Pinal	177	177	171	151	137	127	108	95	88	98	106	111
Yuma	99	97	93	90	90	81	70	58	64	70	86	95
Other	6	5	5	4	4	4	3	3	3	3	3	3
ARIZONA	401	400	382	346	333	311	276	241	243	267	303	320
						1982						
Maricopa	114	110	112	103	97	99	98	98	98	97	108	108
Pinal	113	112	111	105	99	98	101	101	105	116	128	139
Yuma	99	100	96	96	89	85	78	72	81	94	111	123
Other	4	3	3	4	4	3	3	3	3	4	4	5
ARIZONA	330	325	322	308	289	285	280	274	287	311	351	375
						1983						
Maricopa	105	104	100	95	90	97	93	90	93	89	95	92
Pinal	145	141	127	121	122	134	144	145	159	170	186	192
Yuma	130	129	128	127	121	122	115	110	110	100	109	119
Other	5	5	5	5	4	4	4	4	4	4	4	4
ARIZONA	385	379	360	348	337	357	356	349	366	363	394	407

CATTLE ON FEED: Inventory by class and weight group, Arizona, quarterly 1979-84 1/

Date	Total	Steers & steer calves	Heifers & heifer calves	Cows and other	Weight group 1/				
					Under 500 lbs.	500-699 lbs.	700-899 lbs.	900-1099 lbs.	1100 lbs. & over
	1,000 head				1,000 head				
1979									
Jan. 1	490	466	22	2	117	119	136	98	18
Apr. 1	380	369	10	1	85	85	120	85	4
July 1	363	347	15	1	55	106	83	112	6
Oct. 1	340	329	9	2	81	103	92	60	2
1980									
Jan. 1	420	410	9	1	118	114	110	75	2
Apr. 1	324	315	8	1	43	75	104	95	6
July 1	284	275	8	1	59	68	79	76	1
Oct. 1	317	310	6	1	76	80	98	61	1
1981									
Jan. 1	401	380	18	3	101	124	89	76	8
Apr. 1	346	335	10	1	45	79	116	100	5
July 1	276	266	9	1	48	66	69	90	2
Oct. 1	267	258	8	1	60	68	75	61	2
1982									
Jan. 1	330	314	15	1	46	73	106	97	7
Apr. 1	308	294	13	1	55	75	94	79	4
July 1	280	265	14	1	81	71	59	64	4
Oct. 1	311	302	8	1	80	85	76	51	18
1983									
Jan. 1	385	374	10	1	105	127	99	51	2
Apr. 1	348	340	7	1	49	105	118	72	3
July 1	356	345	11	0	66	80	118	88	4
Oct. 1	363	344	19	0	77	91	97	88	10
1984									
Jan. 1	407	399	8	0	113	121	109	56	8

1/ Weight groups exclude cows and other.

FED CATTLE MARKETED FOR SLAUGHTER: Arizona, 1979-83

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
							1,000 head						
1979	56	50	72	53	72	70	73	61	40	37	38	46	668
1980	56	46	45	50	41	58	54	52	46	40	39	27	554
1981	30	32	52	46	59	63	60	55	37	31	26	28	519
1982	31	33	37	50	61	64	42	40	37	37	37	27	496
1983	36	38	41	47	57	54	47	45	44	39	39	46	533

FEED CATTLE MARKETED FOR SLAUGHTER: Arizona, by counties, 1979-83

Year	Maricopa	Pinal	Yuma	Other	Total
			1,000 head		
1979	212	310	138	8	668
1980	184	235	127	8	554
1981	190	205	117	7	519
1982	193	174	122	7	496
1983	216	160	149	8	533

CATTLE AND CALF OUTSHIPMENTS: Arizona, by counties, 1979-83

County of origin	1979	1980	1981	1982	1983
			Number of Head		
Apache	17,005	15,316	14,787	16,331	7,783
Cochise	49,404	34,032	38,220	36,904	31,644
Coconino	12,824	14,588	19,353	15,159	8,963
Gila	5,427	4,029	4,895	3,479	8,522
Graham	9,986	6,277	4,733	10,089	9,112
Greenlee	3,062	3,066	3,515	3,023	4,074
Maricopa	158,901	150,533	135,006	121,782	119,692
Mohave	31,712	15,575	14,335	18,674	18,079
Navajo	16,241	12,053	15,019	15,860	16,114
Pima	10,700	12,066	14,571	12,701	14,930
Pinal	268,456	158,113	130,830	83,116	103,029
Santa Cruz	8,147	7,869	7,827	8,155	5,722
Yavapai	33,560	38,533	10,566	19,169	17,716
Yuma	143,373	98,619	55,547	94,585	120,977
ARIZONA	768,798	570,669	469,204	459,027	486,357

Source: Arizona Livestock Board inspection records.

CATTLE AND CALF OUTSHIPMENTS: By class, Arizona, 1979-83

Class	1979	1980	1981	1982	1983
			Number of Head		
Steers	582,867	398,047	295,609	299,863	339,208
Bulls	5,989	7,096	6,238	6,083	10,495
Heifers	54,174	39,724	40,892	49,333	60,988
Cows	39,124	38,319	45,691	40,788	36,732
Calves	86,644	87,483	80,774	62,960	38,934
TOTAL	768,798	570,669	469,204	459,027	486,357

Source: Arizona Livestock Board inspection records.

ALL CATTLE: Monthly and marketing year average prices received by producers, Arizona, 1979-83

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
						Dollars per cwt.							
						ALL BEEF CATTLE							
1979	58.90	64.80	70.10	72.80	71.70	65.70	66.20	61.40	64.20	62.60	66.70	66.30	65.70
1980	62.60	67.60	67.70	65.30	65.60	66.50	67.20	68.10	64.20	63.60	62.40	60.80	65.10
1981	59.90	59.00	59.10	65.00	63.20	63.80	64.10	65.00	64.40	58.70	56.30	55.80	61.80
1982	59.30	60.00	62.70	64.90	65.80	61.80	62.10	61.50	57.00	54.90	55.70	52.10	60.10
1983	55.20	59.80	62.70	62.00	60.60	59.60	59.10	57.20	55.40	53.80	55.20	59.10	58.20
						STEERS AND HEIFERS							
1979	61.20	66.90	72.70	75.60	74.80	68.90	69.80	64.50	67.30	65.30	70.30	69.40	68.70
1980	66.50	70.40	68.40	65.90	66.40	67.10	70.00	71.50	69.20	68.70	68.50	68.90	68.30
1981	66.60	64.60	62.40	67.10	65.90	67.10	65.50	66.60	67.40	63.40	62.00	60.80	65.30
1982	61.80	62.70	65.20	67.50	69.40	66.30	64.80	64.30	60.50	58.90	59.70	58.20	63.60
1983	60.00	62.10	65.30	67.90	64.70	63.00	61.40	60.60	57.50	57.90	58.10	63.20	61.50
						CALVES							
1979	78.90	85.90	89.50	102.00	93.00	85.50	86.70	82.80	85.50	84.60	88.30	83.50	87.50
1980	82.50	84.50	81.90	73.30	70.10	72.70	72.00	72.50	75.50	74.20	71.20	69.20	74.60
1981	68.30	68.70	66.50	68.60	62.20	62.70	62.60	63.90	62.20	60.90	59.70	59.50	63.70
1982	59.40	62.50	64.70	65.40	63.80	61.40	59.20	62.40	61.50	59.90	59.20	61.10	61.70
1983	62.70	64.70	72.30	66.40	64.00	62.70	58.90	62.00	58.00	59.10	60.80	63.00	63.20
						COWS							
1979	45.50	52.80	55.20	56.90	54.00	47.60	45.60	44.00	46.50	47.50	46.10	48.60	48.90
1980	47.40	51.40	49.20	45.40	41.70	43.80	43.40	46.40	46.00	45.20	42.10	42.40	45.50
1981	43.20	43.60	43.90	43.40	40.40	42.50	42.30	42.70	41.10	38.80	35.30	35.00	41.20
1982	36.70	38.40	39.50	38.90	39.50	39.00	39.60	39.60	39.30	36.20	34.30	35.30	37.60
1983	35.30	40.50	42.60	40.50	40.10	39.50	38.20	38.60	37.60	36.00	34.90	34.70	38.00

GRAZING FEES: 1980-84

Grazing fees on federal and state public grazing lands are determined by a formula established in the Rangeland Improvement Act of 1978. The formula considers rates for leasing private grazing land, the difference between total costs of grazing on public and private lands, beef cattle prices and cost of producing livestock.

The formula is being used on a seven-year trial basis on federal lands. The State adopted the formula effective in 1982.

Grazing fee formula components are compiled by the USDA Crop Reporting Board and furnished to USDA Forest Service, USDI Bureau of Land Management and the Arizona State Land Department for calculating the fee each year. Individual agencies should be contacted regarding the administration of public lands.

PUBLIC LAND GRAZING FEE FORMULATION

Grazing fee components	Unit	Base year 1964-68	Grazing fee year				
			1980	1981	1982	1983	1984
Private Grazing Rates on Private Land Per AUM 1/	Dollars	3.65	7.53	7.88	8.83	8.36	8.85
Forage Value Index (FVI) 2/		100	206	216	242	229	242
Average Price Received for Beef Cattle per Cwt. 3/	Dollars	22.04	64.90	64.20	59.10	57.70	56.40
Beef Cattle Price Index (BCPI) 4/		100	294	291	268	262	256
Prices Paid Index (PPI) 5/		100	275	319	359	378	387
Federal Grazing Fee 6/	Dollars	(1.23)	2.36	2.31	1.86	1.40	1.37
State Grazing Fee 6/	Dollars	(.95)	7/	7/	1.43	1.07	1.05

1/ Privately-owned, non-irrigated land in eleven western states: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming. An animal unit month (AUM) is the grazing of one cow, one horse or five sheep for one month.

2/ Private grazing rates current year divided by base year times 100.

3/ Average for twelve months November-October prior to the fee year for eleven western states, see footnote 1.

4/ Beef cattle price current year divided by base year times 100.

5/ Index of prices paid for beef cattle production inputs as percent of base year.

6/ Current grazing fee = base year fee (FVI + BCPI - PPI) ÷ 100. The federal fee is limited to a 25 percent change annually. The 28 cent difference in the federal and state base fee is a credit for range improvements made on State lands and for taxes paid on those improvements by the lessees.

7/ State grazing fees were calculated on a different basis prior to 1982.

DAIRY: Milk cows, production of milk and milkfat and value, Arizona, 1979-83

Year	Milk cows 1/	Production per milk cow		Milkfat percent	Total production		Value	
		Milk	Milkfat		Milk	Milkfat	Fluid milk per 100 lbs.	Total milk produced 2/
	1,000 head	Lbs.			Million lbs.		Dollars	1,000 dol.
1979	72	13,069	469	3.59	941	34	12.50	120,260
1980	75	13,747	496	3.61	1,031	37	13.40	138,463
1981	77	14,714	530	3.60	1,133	41	14.10	160,093
1982	81	14,840	542	3.65	1,202	44	13.90	167,318
1983 3/	83	14,904	540	3.62	1,237	45	13.90	172,190

1/ Average number on farms during year, excluding heifers not yet fresh.
2/ Includes sales of milk, cream and butter, value of milk used for home consumption and value of milk fed to calves.
3/ Preliminary.

MILK USED AND MARKETED BY PRODUCERS: Arizona, 1979-83

Year	Fed to calves	Used for milk, cream & butter	Total	Sold to plants and dealers	Sold directly to consumers	Total
			Million lbs.			
1979	9	1	10	885	46	931
1980	5	1	6	1,020	5	1,025
1981	7	1	8	1,120	5	1,125
1982	6	1	7	1,190	5	1,195
1983	6	1	7	1,225	5	1,230

MILK PRODUCTION: Marketings, income and production, Arizona, 1979-83

Year	Combined marketings of milk and cream				Used for milk, cream and butter where produced		Gross producer income
	Milk utilized	Average returns		Cash receipts from marketings	Milk utilized	Value	
		Per 100 lbs. of milk	Per lb. of milkfat				
	Million lbs.	Dollars		1,000 dol.	Million lbs.	1,000 dol.	
1979	931	12.78	3.56	118,969	1	128	119,097
1980	1,025	13.43	3.72	137,634	1	134	137,768
1981	1,125	14.13	3.93	158,920	1	141	159,061
1982	1,195	13.92	3.81	166,387	1	139	166,526
1983	1,230	13.92	3.85	171,252	1	139	171,391

GRAIN AND OTHER CONCENTRATES: Quantity fed to milk cows and value, Arizona, 1979-83 1/

Year	Quantity fed to milk cows			Value of feed fed per cwt.	Feed value per cwt. of milk produced
	Total	Per cow	Per cwt. of milk produced		
	1,000 tons	Pounds	Pounds	Dollars	Dollars
1979	268	7,450	57	6.94	3.96
1980	248	6,600	48	7.78	3.73
1981	261	6,770	46	8.40	3.86
1982	272	6,688	45	7.35	3.32
1983	271	6,561	45	7.92	3.53

1/ Estimates for all places where milk produced, either for sale or for home use.

SHEEP

Arizona's sheep and lamb inventory on January 1, 1984 totaled 306,000 head, down 11 percent from a year earlier. Lambs born during 1983 dropped 30,000 head from the 1982 level, and combined with high farm slaughter lowered the total inventory. Stock sheep accounted for 85 percent of the state's inventory and feeder sheep and lambs on pasture grasses comprised the balance. Almost three-fourths of Arizona's sheep population is located on Indian Reservations.

Traditionally, sheep herds have been brought down to lower elevations during winter months to graze on hay and grain pastures, particularly alfalfa fields. However, the trend towards farmers shifting to higher profit crops such as cotton and vegetables has reduced the amount of available pasture. This, in conjunction with expanding urbanization in the Maricopa Valley and development of mountain land for second homes has negatively impacted the Arizona sheep industry.

During 1983 marketings of sheep and lambs totaled 21.0 million pounds, 14 percent below the 1982 volume.

From 1982 to 1983 average prices received declined from $19.20 to $15.70 for sheep and from $56.00 to $55.70 for lambs. The value of meat produced from sheep and lambs totaled $4.8 million, down 35 percent from $7.4 million in 1982.

SHEEP: Number of operations and inventory, Arizona and United States, January 1, 1980-84 1/

Year	Arizona		United States	
	Operations	Head	Operations	Head
	Number	1,000	Number	1,000
1980	450	385	119,910	12,686.6
1981	500	372	125,560	12,935.7
1982	400	377	128,090	12,966.2
1983	370	343	126,500	12,026.2
1984	2/	306	2/	11,411.0

1/ An operation is any place having one or more sheep on hand during the year.
2/ Not available until January 31, 1985.

SHEEP AND LAMBS: Inventory, supply and disposition, Arizona, January 1, 1979-84

Year	Inventory January 1	Lamb crop	Inshipments	Marketings		Farm slaughter	Deaths	
				Sheep	Lambs		Sheep	Lambs
				1,000 head				
1979	425	215	70	53	178	52	24	18
1980	385	200	55	61	136	41	15	15
1981	372	210	56	49	133	45	17	17
1982	377	180	99	94	129	45	25	20
1983	343	150	97	93	115	41	20	15
1984	306							

SHEEP AND LAMBS: Production and income, Arizona, 1979-83

Year	Production	Marketings	Average price per 100 pounds		Value of production	Cash receipts	Value of home consumption	Gross income
			Sheep	Lambs				
	1,000 lbs.	1,000 lbs.	Dollars		1,000 dol.	1,000 dol.	1,000 dol.	1,000 dol.
1979	20,145	24,556	20.50	65.90	11,587	13,472	2,261	15,733
1980	19,560	21,285	18.80	64.50	9,822	10,525	1,822	12,347
1981	20,550	19,590	18.70	54.60	8,865	8,675	1,708	10,383
1982	17,170	24,350	19.20	56.00	7,394	9,660	1,752	11,412
1983	12,850	21,040	15.70	55.70	4,789	7,443	1,421	8,862

SHEEP AND LAMBS: Arizona, by counties, January 1, 1980-84

Year	Stock sheep and lambs 1/	Sheep on feed 2/	All sheep and lambs	New crop lambs	Year	Stock sheep and lambs 1/	Sheep on feed 2/	All sheep and lambs	New crop lambs
	1,000 Head					1,000 Head			
APACHE					COCONINO				
1980	105		105	5	1980	58		58	4
1981	105		105	5	1981	60		60	4
1982	105		105	5	1982	58		58	4
1983	91		91	5	1983	51		51	4
1984	82		82	6	1984	47		47	4
LA PAZ					MARICOPA				
					1980	72	36	108	30
					1981	68	27	95	35
					1982	64	31	95	32
					1983	68	12	80	32
1984	3	10	13	1	1984	57	12	69	29
NAVAJO					PINAL				
1980	50		50	3	1980	19	15	34	7
1981	52		52	3	1981	19	13	32	8
1982	50		50	3	1982	19	10	29	8
1983	44		44	3	1983	21	16	37	9
1984	49		49	3	1984	14	13	27	8
YUMA					OTHER 3/				
1980	21	9	30	5	1980				
1981	21	7	28	5	1981				
1982	20	16	36	8	1982	4		4	
1983	15	22	37	7	1983	3		3	
1984	7	10	17	4	1984	2		2	

1/ Excludes new crop lambs (those born after September 30 the previous year and on hand January 1).
2/ Includes sheep and lambs being fattened for slaughter market on grain, other concentrates, or succulent pastures. Excludes stock sheep and lambs and new crop lambs.
3/ Prior to 1982 numbers were too small to warrant quantitative estimates.

SHEEP: By class, farm value and lamb crop, Arizona, January 1, 1980-84

Year	Stock sheep & lambs 1/		Sheep on feed 2/	All sheep and lambs	Farm value		Lamb crop	
	Ewes	Rams and wethers			Per head	Total	Breeding ewes Jan. 1	Lambs saved
	1,000 Head				Dollars	1,000 Dol.	1,000 Head	
1980	295	30	60	385	68.50	26,373	246	200
1981	296	29	47	372	54.50	20,274	240	210
1982	289	31	57	377	68.00	25,636	235	180
1983	252	41	50	343	64.50	22,124	201	150
1984	226	35	45	306	69.50	21,267	178	3/

1/ Ewes, rams and wethers of all ages excluding new crop lambs.
2/ Excludes stock sheep and lambs and new crop lambs.
3/ Not available until lambing is complete.

WOOL PRODUCTION AND VALUE: Arizona, 1979-83

Year	All sheep shorn 1/	Weight per fleece	Shorn wool production	Average price per pound	Value of production
	1,000 Head	Lbs.	1,000 Lbs.	Cents	1,000 Dol.
1979	350	7.2	2,511	69	1,733
1980	326	7.1	2,329	77	1,793
1981	325	7.4	2,417	78	1,885
1982	320	7.4	2,368	56	1,326
1983	293	7.4	2,173	43	934

1/ Includes fed sheep shorn.

SHEEP, LAMBS AND WOOL: Monthly and annual average prices received by producers, Arizona, 1979-83

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
	Dollars per cwt.												
SHEEP													
1979	21.00	23.00	26.00	26.00	23.00	18.00	18.00	19.00	20.00	20.00	18.00	19.00	20.50
1980	21.00	25.00	24.00	19.00	18.00	20.00	15.00	19.00	16.00	17.00	16.00	16.00	18.80
1981	19.00	20.00	20.00	19.00	20.00	19.00	20.00	19.00	15.50	16.50	18.00	18.00	18.70
1982	19.50	21.50	23.00	21.50	19.30	20.00	21.00	21.00	18.00	16.00	15.00	14.00	19.20
1983	18.00	18.00	17.00	18.00	16.00	14.00	14.00	14.00	13.00	13.00	15.00	18.00	15.70
LAMBS													
1979	67.00	70.00	66.00	70.00	70.00	66.00	63.00	59.00	62.00	62.00	68.00	68.30	65.90
1980	68.50	65.50	68.00	58.00	55.00	66.00	66.50	68.00	68.00	64.00	63.50	63.50	64.50
1981	57.00	57.00	58.00	56.00	60.00	65.00	58.00	53.00	48.50	47.50	47.00	48.00	54.60
1982	48.50	52.00	58.00	60.00	63.00	60.00	58.00	54.00	53.00	50.00	48.50	52.00	56.00
1983	54.00	59.00	60.00	58.00	57.00	53.00	49.00	48.00	48.00	51.00	55.00	58.00	55.70
WOOL													
1979	74.00	75.00	79.00	63.00	62.00	63.00	59.00	61.00	68.00	--	87.00	83.00	69.00
1980	1/	92.00	87.00	73.00	63.00	64.00	71.00	78.00	77.00	80.00	87.00	102.00	77.00
1981	95.00	90.00	62.00	67.00	73.00	78.00	73.00	60.00	56.00	56.00	85.00	96.00	78.00
1982	93.00	92.00	94.00	39.00	40.00	39.00	36.00	32.00	34.00	90.00	41.00	45.00	56.00
1983	57.00	58.00	28.00	34.00	39.00	42.00	40.00	42.00	66.00	1/	72.00	73.00	43.00

1/ Insufficient sales.

HOGS & PIGS

Arizona's pork industry contracted slightly in 1983 with the state's inventory of all hogs dropping 12 percent to 150,000 as of December 1. Lower prices received for hogs combined with production costs that increased due to higher feed prices and interest rates narrowed profit margins. As a result, a number of smaller operations went out of business, more than offsetting a few operators who increased their hog numbers during the year.

The total number of hog operations in Arizona declined from 660 in 1982 to 590 in 1983. Large farrow to finish operations using environmentally controlled facilities to reduce heat stress and improve hygiene are prominent in the state. Management and economy of scale provided by large size are significent to improving production efficiency as well as product quality.

A stabilizing influence in the State's pork industry has been the advent of a slaughter plant operated by the Arizona Pork Producers Association. With a capacity to process 5,500 head per week, the plant has created a reliable market link between producers and buyers.

The 1983 Arizona pig crop totaled 275,000 head, down 3 percent from last year. In the spring period (December-May) 18,000 sows farrowed, yielding 149,000 pigs with an average of 8.3 pigs per litter. During the fall (June-November), 16,000 sows farrowed 126,000 pigs, an average litter rate of 7.9.

Producers received an average price of $49.20 per cwt. in 1983 for hogs and pigs, down 14 percent from 1982. Total inventory value on December 1, 1983 totaled $11.7 million which was down 33 percent from a year earlier.

HOGS: Number of operations and inventory number, Arizona and United States, December 1, 1979-83 1/

Year	Arizona		United States	
	Operations	Head	Operations	Head
	Number	1,000	Number	1,000
1979	480	149	653,600	67,353
1980	630	180	670,350	64,512
1981	660	170	580,060	58,688
1982	660	170	482,190	53,935
1983	590	150	466,410	55,819

1/ An operation is any place having one or more hogs and pigs on hand during the year. Above figures represent December 1 totals.

HOGS AND PIGS: Inventory supply and disposition, Arizona, December 1, 1979-83

Year	Inventory December 1	Pig crop		Inshipments	Marketings	Farm slaughter	Deaths
		Dec.-May	June-Nov.				
				1,000 head			
1979	144	125	117	24	241	1	19
1980	149	137	144	13	241	1	21
1981	180	148	137	7	281	1	20
1982	170	139	144	4	273	1	13
1983	170	149	126	6	288	1	12

HOGS AND PIGS: Production and income, Arizona, 1979-83

Year	Production	Marketings	Average price per 100 pounds	Value of production	Cash receipts	Value of home consumption	Gross income
	1,000 lbs.	1,000 lbs.	Dollars	1,000 dol.	1,000 dol.	1,000 dol.	1,000 dol.
1979	53,441	54,580	44.10	23,101	24,070	194	24,264
1980	59,735	54,485	41.20	24,401	22,448	272	22,720
1981	59,222	61,812	46.50	27,425	28,743	340	29,083
1982	61,668	61,315	57.10	35,124	35,011	410	35,421
1983	62,339	64,966	49.20	30,622	31,963	397	32,360

HOGS AND PIGS: Number on farms, Arizona, by counties, December 1, 1979-83

Year	Hogs and pigs	Year	Hogs and pigs	Year	Hogs and pigs
	1,000 Head		1,000 Head		1,000 Head
COCHISE		GRAHAM		MARICOPA	
1979	19.0	1979	23.0	1979	12.0
1980	20.0	1980	31.0	1980	12.0
1981	18.0	1981	30.0	1981	10.0
1982	20.0	1982	29.0	1982	10.0
1983	19.0	1983	24.0	1983	10.0
NAVAJO		PIMA		PINAL	
1979	56.0	1979	11.5	1979	9.5
1980	70.0	1980	*	1980	11.0
1981	66.0	1981	*	1981	13.0
1982	64.0	1982	*	1982	20.0
1983	69.0	1983	*	1983	13.0
YUMA		OTHER COUNTIES 1/			
1979	16.0	1979	2.0		
1980	21.0	1980	15.0		
1981	16.0	1981	17.0		
1982	12.0	1982	12.0		
1983	8.0	1983	7.0		

1/ Includes estimates for counties not listed.

* Number too small to warrant quantitative estimate or not published to avoid disclosing individual operations. Hogs, if any, are included in "Other Counties."

HOGS: Inventory by class, weight group and farm value, Arizona, December 1, 1979-83

Year	Breeding	Market	Market hogs and pigs by weight group				All hogs	Value	
			Under 60 lbs.	60-119 lbs.	120-179 lbs.	180 lbs. and over		Per head	Total
			1,000 Head					Dol.	1,000 Dol.
1979	19	130	52	27	26	25	149	59.50	8,866
1980	23	157	52	36	35	34	180	66.00	11,880
1981	21	149	57	33	33	26	170	74.50	12,665
1982	21	149	58	34	29	28	170	102.50	17,425
1983	18	132	51	30	27	24	150	78.00	11,700

PIG CROP: Sows farrowed, pigs per litter, pigs saved, Arizona, 1979-83

Year	Total pig crop		December through May			June through November		
	Sows farrowed	Pigs saved	Sows farrowed	Pigs per litter	Pigs saved	Sows farrowed	Pigs per litter	Pigs saved
	1,000	1,000	1,000		1,000	1,000		1,000
1979	31.0	242	16.0	7.8	125	15.0	7.8	117
1980	39.0	281	19.0	7.2	137	20.0	7.2	144
1981	37.0	285	19.0	7.8	148	18.0	7.6	137
1982	36.0	283	18.0	7.7	139	18.0	8.0	144
1983	34.0	275	18.0	8.3	149	16.0	7.9	126

MEAT PRODUCTION

RED MEAT PRODUCTION: Arizona, 1979-1983 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						1,000 Pounds							
1979	18,626	15,636	15,891	15,170	16,813	16,621	16,499	18,044	14,585	17,767	17,025	16,597	199,280
1980	19,747	18,043	16,214	17,372	17,297	20,243	27,538	25,445	27,917	29,872	22,720	25,411	267,819
1981	25,260	22,582	27,588	26,405	27,855	29,838	29,588	25,347	21,154	18,421	9,197	9,111	272,347
1982 2/			35,726			66,906			57,334			62,284	222,250
1983	18,501	17,135	21,159	19,660	23,800	25,820	20,774	21,498	20,377	20,645	23,327	23,828	256,525

1/ Includes total beef, veal, pork, and lamb and mutton, excluding farm slaughter.
2/ 1982 quarterly figures only; monthly estimates discontinued for 1982.

COMMERICAL CATTLE SLAUGHTER: Number, average and total liveweight, Arizona, 1979-83

Year	Cattle			Calves			Total		
	Number	Average weight per head	Total live-weight	Number	Average weight per head	Total live-weight	Number	Average weight per head	Total live-weight
		Lbs.	1,000 Lbs.		Lbs.	1,000 Lbs.		Lbs.	1,000 Lbs.
1979	264,700	1,032	273,151	2,500	183	458	267,200	1,024	273,609
1980	357,600	1,026	366,757	1,900	178	345	359,500	1,021	367,102
1981	384,800	1,037	399,042	3,500	93	328	388,300	1,029	399,370
1982	324,500	1,028	333,553	3,600	151	548	328,100	1,018	334,101
1983	361,300	1,032	373,013	2,700	190	509	364,000	1,026	373,522

COMMERICAL HOG SLAUGHTER: Number, average and total liveweight, Arizona, 1979-83

Year	Number	Average weight per head	Total liveweight
		Lbs.	1,000 Lbs.
1979	225,900	225	50,929
1980	264,100	224	59,141
1981	159,500	223	35,577
1982	133,000	229	30,510
1983	196,300	227	44,636

COMMERCIAL SHEEP SLAUGHTER: Number, average and total liveweight, Arizona, 1979-83

Year	Number	Average weight per head	Total liveweight
		Lbs.	1,000 Lbs.
1979	1,700	97	161
1980	2,000	101	199
1981	2,200	107	233
1982	2,200	109	242
1983	2,000	110	224

POULTRY

The total number of chickens on farms in Arizona declined for the 6th consecutive year to 400,000 as of December 1, 1983. Of the total, 380,000 were hens and pullets of laying age and the balance pullets not yet of laying age and other chickens.

The average number of layers on hand during 1983 was 406,000, down 11.5 percent from 1982. Egg production totaled 102 million in 1983, yielding an annual average of 251 eggs per layer.

The State's inventory was valued at $780,000, up 4 percent from the previous year.

CHICKENS ON FARMS: Inventory by class, Arizona, December 1, 1979-83 1/

Year	All chickens	Hens & pullets of laying age			Pullets 3 months + & not of laying age	Pullets under three months	Other chickens	Value per head	Total value
		Hens 1+	Pullets	Total					
				1,000				Dollars	1,000 dol.
1979	580	308	180	488	67	16	9	1.50	704
1980	550	285	175	460	65	15	10	1.50	825
1981	530	245	235	480	35	7	8	2.15	1,140
1982	500	340	130	470	15	5	10	1.50	750
1983	400	280	100	380	12	4	4	1.95	780

1/ Does not include commercial broilers.

EGG PRODUCTION: Arizona, 1979-83

Year	Average number of layers during year	Eggs per layer per year	Eggs produced
	1,000	Number	Million
1979	557	250	139
1980	449	256	115
1981	400	245	98
1982	459	248	114
1983	406	251	102

EGGS: Production, disposition, and income, Arizona 1979-83

Year	Eggs produced	Home consumption	Eggs sold	Price per dozen	Cash receipts	Value of home consumption 1/	Value of production
	Million			Cents		1,000 dol.	
1979	139	.5	138.5	48.0	5,540	20	5,560
1980	115	1.0	114.0	43.5	4,133	36	4,169
1981	98	.5	97.5	55.7	4,526	23	4,549
1982	114	.5	113.5	50.5	4,776	21	4,797
1983	102	1.4	100.6	55.2	4,628	64	4,692

1/ Valued at same price as eggs sold.

WEATHER

Weather conditions during 1983 deviated from historic trends in that rainfall was much above normal for the second year. By the year's end rainfall recorded slightly over 50 percent above the annual average. This was significant in that most of the excess rainfall was recorded in a very short time period. Rainfall at most stations was only slightly above average by the middle of September. During the period of September 19 through October 9, most stations received 3 to 9 inches of rainfall producing some flooding in central Arizona and extensive flooding in the southeast. Precipitation was about normal through February. However, March was buffeted by more than the usual number of storm systems bringing warmer and wetter than normal conditions. Range and pasture conditions continued excellent during the entire January-March period. The first quarter began with rising temperatures and by mid-January temperatures as high as 11 degrees above normal were recorded at some stations. February as a whole was warmer than normal with more stations reporting above average temperatures. Temperatures varied considerably during March as cool air swept over the state behind the storm systems dropping temperatures by 10 to 15 degrees. Statewide temperatures averaged within 2 degrees of normal. The last week of March was generally sunny and warm, returning temperatures to near normal statewide.

The April-June quarter weather pattern fluctuated considerably with May temperatures varying from below normal the first three weeks to setting record daily high minimums and daily record highs during the last week. April was dominated by below normal temperatures, cloudy skies and light rain showers the first three weeks. For the month, temperatures ranged from near normal at Phoenix to 8 degrees below at Kingman. Precipitation amounts were near normal for the month. At the beginning of the fourth week of May, temperatures soared to the 100's across the deserts. Lake Havasu recorded 117 degrees on the 28th. High minimum temperatures were established on the 23rd, 25th, 28th and 30th. New daily record highs were also set on the 23rd, 24th, 27th and the 28th. Twenty six of the 36 reporting stations received no measurable precipitation during May. This was the driest May since 1974 for Phoenix. June was generally sunny and dry with temperatures mostly below normal. A rather narrow ridge of above normal temperatures extended from Phoenix to Prescott and Sedona.

The 1983 monsoon came to Arizona in early July bringing hot humid weather. The definition of "Monsoon" is a seasonal shift of winds in the upper atmosphere. The Monsoon generally begins in July with this shift of winds from the west to the southeast and ends in September as the winds shift back from the southeast to the west. The association of a rainy period with the term "monsoon" is most likely traditional. A high pressure ridge over the state brought record high temperatures the first week of July. Tucson recorded a new record high of 111 degrees for that date on the 5th. The 116 degrees recorded on the same day set a new maximum state record for that date. Hot humid weather continued into August with severe thunderstorms, hail and damaging winds. Near normal weather returned to the state by the last week of August. Unusually high temperatures continued into September. The last half of the month brought unusual amounts of rainfall to most areas of the state. All stations except Kingman and Yuma received above normal precipitation amounts. For the month, Prescott received 10.02 inches, 6.72 times their normal September amount. Flagstaff received 6.75 inches, establishing a new September record. During the week ended October 2, four to 7 inches of rain fell in the southeast and White Mountains and 2 to 4 inches fell over the remainder of the eastern two-thirds of the state. New record flows were set on the San Francisco River at Clifton, on the Gila River at Safford and on the Santa Cruz at Tucson. Several towns including Tucson, Clifton and Willcox suffered severe flood damage.

The fourth quarter was dominated by above normal temperatures with less than normal precipitation. Temperatures were mostly above normal through the first 3 weeks of November. The first major storm of the winter season crossed Arizona on the 18th and 19th, accompanied by widespread precipitation. The jet stream dipped into the state dropping temperatures from 3 to 12 degrees below the seasonal normals. Temperatures remained below average for about two weeks and by mid-December a strong area of high pressure returned fair skies and temperatures up to 8 degrees above normal. Warm, dry weather prevailed the remainder of the year.

FREEZE DATES: Last 32° temperature in spring and first in fall, Arizona, 1979-83

Year	Last in spring	First in fall	Last in spring	First in fall	Last in spring	First in fall
	AGUILA		BUCKEYE		CASA GRANDE	
1979	Apr. 11	Nov. 11	Feb. 6	Nov. 20	Apr. 11	Nov. 12
1980	Apr. 3	Nov. 17	Feb. 12	Nov. 17	Feb. 15	Nov. 25
1981	Feb. 7	Nov. 20	Feb. 6	Nov. 26	Feb. 8	Nov. 20
1982	Apr. 8	Nov. 3	Mar. 6	Dec. 27	Mar. 7	Oct. 29
1983	Apr. 14	Nov. 21	Feb. 1	Nov. 27	Apr. 5	Dec. 6
	CHANDLER		DOUGLAS		FLAGSTAFF	
1979	Feb. 6	Nov. 19	Apr. 11	Oct. 31	June 20	Sept. 21
1980	Feb. 11	Nov. 26	Apr. 14	Oct. 17	June 15	Sept. 22
1981	Feb. 7	Nov. 26	Apr. 4	Nov. 2	May 21	Oct. 14
1982	Feb. 3	Dec. 24	Mar. 21	Nov. 4	June 9	Sept. 28
1983	Jan. 22	Nov. 20	Apr. 22	Nov. 28	June 13	Oct. 20
	GILA BEND		GRAND CANYON		KINGMAN	
1979	Feb. 6	Nov. 21	June 19	Oct. 10	May 9	Nov. 20
1980	1/	1/	June 7	Oct. 15	Apr. 3	Nov. 17
1981	Feb. 1	Dec. 23	May 22	Oct. 9	Mar. 21	Nov. 26
1982	Feb. 3	1/	June 8	Sept. 28	Apr. 7	Nov. 11
1983	Jan. 21	Nov. 28	June 14	Oct. 15	Apr. 14	Nov. 23
	MCNARY		PARKER		PAYSON	
1979	June 19	Oct. 12	Jan. 30	Dec. 13	May 11	Oct. 22
1980	June 2	Oct. 15	1/	1/	May 25	Oct. 16
1981	May 22	Oct. 5	Feb. 5	Dec. 24	May 21	Oct. 16
1982	June 9	Oct. 2	Jan. 23	Dec. 27	May 13	Oct. 1
1983	June 5	Oct. 13	Jan. 4	Dec. 6	May 6	Nov. 29
	PHOENIX		PRESCOTT		SAFFORD	
1979	Jan. 31	Nov. 21	May 11	Oct. 22	Apr. 11	Oct. 31
1980	1/	1/	May 29	Oct. 16	Apr. 14	Oct. 17
1981	1/	1/	May 21	Oct. 13	Mar. 28	Oct. 31
1982	1/	1/	May 11	Oct. 1	Mar. 24	Nov. 6
1983	1/	1/	May 2	Nov. 9	Apr. 15	Nov. 29
	TUCSON		WILLCOX		WINDOW ROCK	
1979	Feb. 7	Nov. 20	May 10	Oct. 31	June 17	Sept. 28
1980	1/	Nov. 27	Apr. 15	Oct. 17	May 31	Oct. 9
1981	Feb. 2	Dec. 23	Apr. 4	Oct. 17	May 18	M
1982	Mar. 6	Dec. 3	Apr. 8	Oct. 11	June 1	Sept. 29
1983	Jan. 22	Nov. 30	Apr. 16	Nov. 28	May 21	Sept. 21
	WINSLOW		YUMA			
1979	May 13	Oct. 22	1/	1/		
1980	May 25	Oct. 16	1/	1/		
1981	May 17	Oct. 23	1/	1/		
1982	Apr. 21	Oct. 9	1/	1/		
1983	May 17	Nov. 28	1/	1/		

1/ No low temperature of 32° or less.

M - Missing.

Source: National Oceanic and Atmospheric Administration.

MEAN MONTHLY TEMPERATURE, °F: Arizona, 1983 and Long-Term Average 1/

Stations	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Aguila 2/	48.8	51.0	M	56.2	69.8	77.9	86.2	82.8	80.7	M	53.9	49.2	65.7
Buckeye	53.4	55.2	60.2	65.6	75.5	84.6	92.4	91.0	88.9	74.6	62.4	58.3	71.8
	51.2	55.6	60.2	67.2	75.8	85.0	92.0	89.6	83.5	72.0	59.2	51.9	70.3
Casa Grande	51.8	54.0	58.4	62.3	75.5	82.3	90.4	86.9	85.6	71.5	58.4	52.9	69.2
	51.1	55.1	59.9	67.1	75.9	85.4	91.4	88.8	83.2	72.2	59.3	51.8	70.1
Chandler Heights 2/	53.2	54.9	58.4	63.0	77.4	85.6	M	88.0	87.5	72.5	58.7	53.6	68.4
Douglas	44.6	48.5	51.6	54.4	66.3	73.8	79.3	77.4	75.2	63.0	50.6	46.9	61.0
	44.9	47.6	52.5	59.7	67.5	76.9	79.1	76.9	73.1	63.3	51.9	45.3	61.6
Flagstaff	31.0	32.3	36.2	37.0	49.9	57.3	65.5	63.8	60.7	48.6	36.9	34.0	46.1
	28.2	30.7	34.5	41.6	49.9	59.2	66.1	63.8	57.5	47.2	36.3	29.8	45.4
Gila Bend	56.8	56.9	62.0	65.9	78.2	85.9	95.1	93.7	91.4	77.3	63.5	57.7	73.7
	53.0	57.1	61.8	69.2	78.2	87.3	94.0	91.8	86.4	74.8	61.8	53.9	72.4
Grand Canyon 2/	32.9	34.1	37.7	39.4	50.7	59.5	66.1	64.2	61.5	48.6	37.5	34.6	47.2
Kingman	44.7	46.7	49.9	51.8	65.5	75.1	82.0	77.5	76.3	63.3	50.9	45.5	60.8
	43.2	47.0	50.5	57.6	66.5	76.2	82.9	80.8	74.8	64.2	51.8	44.3	61.7
McNary	32.5	32.4	36.2	39.2	50.9	58.5	65.5	64.6	61.7	50.0	38.3	34.2	47.0
	30.7	32.7	36.6	43.9	51.6	60.5	65.2	63.1	58.5	49.7	39.0	32.7	47.0
Parker	54.4	58.9	63.1	66.2	79.2	86.2	93.5	90.1	88.8	75.5	63.5	56.3	73.0
	52.7	57.7	62.7	70.0	78.7	87.8	94.4	92.6	86.5	74.8	61.3	53.2	72.7
Payson	39.9	42.6	44.3	47.3	58.9	66.4	75.0	73.2	71.0	58.1	44.7	40.0	55.1
	38.6	41.5	45.0	51.6	59.7	69.1	75.5	72.8	67.1	57.3	46.1	39.4	55.3
Phoenix	56.0	58.4	62.2	66.6	80.6	88.6	95.5	92.6	91.0	77.2	62.4	57.2	74.0
	52.3	56.1	60.6	68.0	77.0	86.5	92.3	89.9	84.6	73.4	60.6	53.3	71.2
Prescott	37.4	40.1	M	M	59.0	66.9	73.7	71.5	69.1	56.4	45.1	41.5	59.1
	36.2	39.2	42.8	49.4	57.2	66.8	73.1	70.4	65.1	55.0	44.0	37.2	53.0
Safford	44.8	48.7	52.9	56.2	68.9	77.0	83.1	82.9	79.3	65.7	52.8	45.7	63.2
	43.7	47.5	52.9	60.5	68.8	78.5	82.9	80.4	74.9	64.3	51.8	44.2	62.5
Tucson	52.9	53.8	57.3	60.4	73.8	81.6	86.9	84.0	82.2	69.5	57.4	53.5	67.8
	51.1	53.8	57.8	65.0	73.2	82.9	86.2	84.0	80.4	70.4	58.7	52.0	68.0
Willcox	44.0	47.5	50.8	54.0	65.3	72.0	78.8	77.9	75.6	62.3	50.8	45.4	60.4
	42.1	45.0	49.8	56.6	64.5	74.1	79.3	76.7	71.3	60.5	48.9	42.3	59.3
Window Rock	30.4	33.3	38.7	M	53.8	62.2	68.2	68.0	63.7	51.3	35.0	32.9	44.8
	27.4	31.6	36.8	44.5	53.4	63.7	69.8	67.1	60.0	49.6	37.3	29.1	47.5
Winslow	34.1	40.9	47.3	48.3	61.1	69.4	76.6	75.3	71.0	58.1	44.6	40.6	55.6
	32.0	38.4	44.9	53.0	62.2	72.3	78.8	76.1	69.0	56.6	42.9	32.7	54.9
Yuma	59.5	61.1	65.2	67.9	80.1	87.0	94.5	91.2	90.7	78.8	66.1	59.7	75.2
	55.9	60.0	64.2	70.7	78.3	87.2	93.6	92.4	87.3	76.4	63.8	56.5	73.9

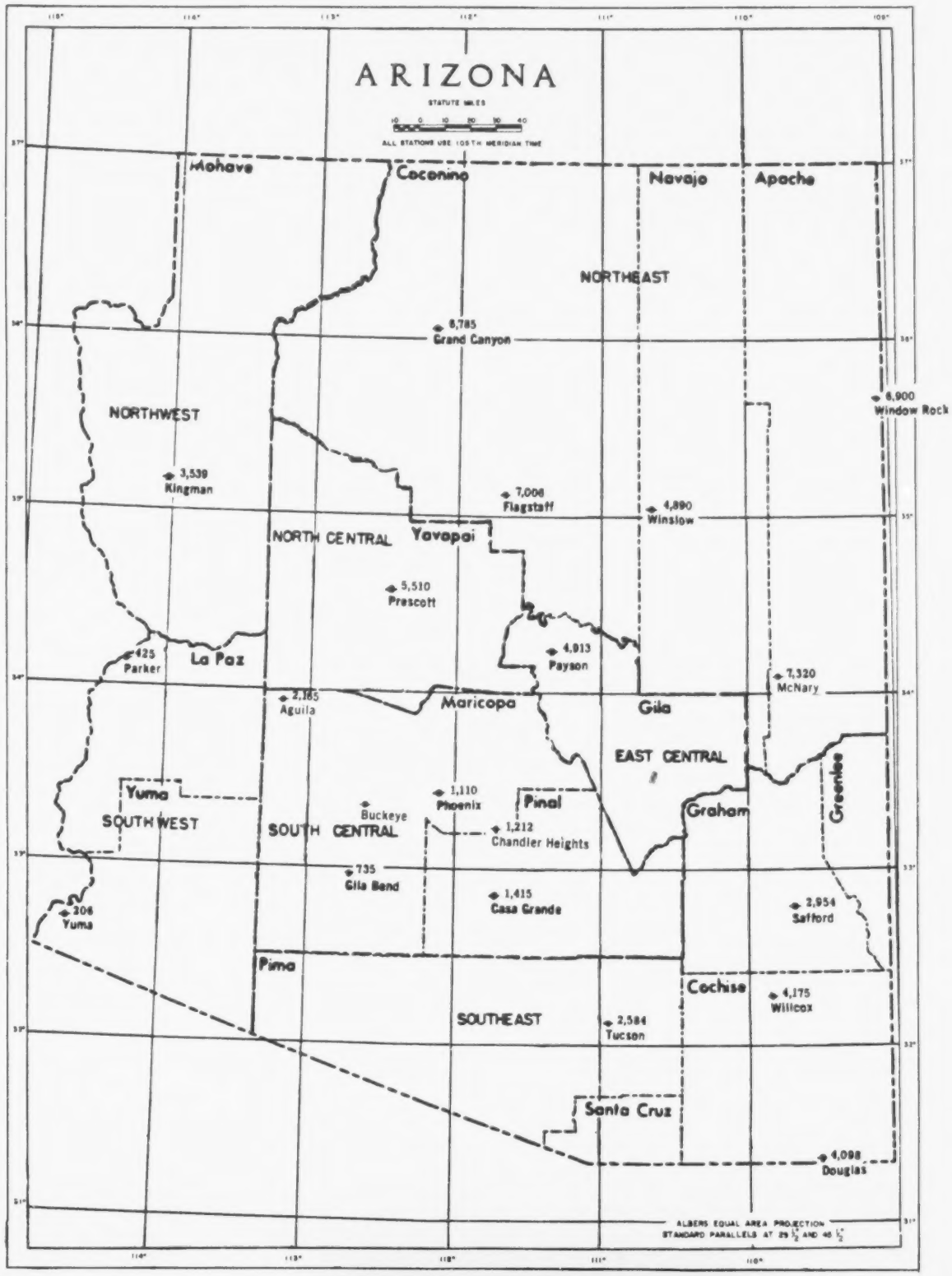
1/ Top row 1983, bottom row long-term average.
2/ Long-term average not available.
M - Missing
Source: National Oceanic and Atmospheric Administration and U.S. Department of Commerce.

TOTAL PRECIPITATION, INCHES: Arizona, 1983 and Long-Term Average 1/

Stations	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Aguila 2/	.60	1.19	M	.16	.00	.00	.28	4.85	4.84	M	.24	.70	12.86
Buckeye	.70	1.45	2.25	.25	.00	.00	.60	1.82	1.89	.08	.40	.92	10.36
	.80	.68	.74	.23	.08	.07	.62	1.23	.70	.60	.47	.73	6.95
Casa Grande	1.04	1.06	3.06	.20	.00	.00	.67	2.35	1.99	2.21	.50	1.85	14.93
	.81	.66	.85	.29	.11	.20	.90	1.80	.61	.78	.66	.91	8.58
Chandler Heights	.99	.81	3.68	.17	.00	.00	M	1.50	1.83	1.61	.90	1.26	12.75
	.92	.76	1.02	.28	.14	.06	.83	1.22	.67	.80	.70	.95	8.35
Douglas	1.33	1.64	.80	T	T	.02	3.44	1.92	6.94	2.28	1.86	.78	21.01
	.74	.47	.48	.16	.16	.41	3.51	3.03	1.15	.84	.45	.76	12.16
Flagstaff	1.61	3.04	4.36	2.18	.06	.28	2.86	3.53	6.75	.75	1.53	2.52	29.47
	2.10	1.95	2.13	1.35	.75	.97	2.47	2.62	1.47	1.54	1.65	2.26	20.86
Gila Bend	.94	.92	1.46	.04	.00	.00	T	8.37	1.30	.35	.69	2.52	16.59
	.67	.49	.61	.22	.10	.06	.69	1.01	.46	.48	.40	.63	5.82
Grand Canyon 2/	1.40	2.52	2.87	1.15	.16	.00	4.58	1.78	2.69	.92	2.08	1.87	22.02
Kingman	1.19	1.05	2.71	.45	.00	.00	.21	4.43	1.18	2.01	.52	1.04	14.79
	1.11	.96	1.11	.63	.24	.24	.98	1.36	.75	.67	.71	.89	9.65
McNary	3.98	2.83	6.10	1.65	.06	T	4.04	3.20	4.30	4.02	2.14	3.51	35.83
	2.92	2.04	3.08	1.32	.74	.79	3.51	3.78	1.97	2.37	1.99	2.73	27.24
Parker	.23	.57	1.76	.07	.00	.00	.04	2.78	.60	.24	.04	.63	6.96
	.60	.43	.47	.17	.05	.02	.26	.49	.40	.38	.35	.46	4.08
Payson	2.02	2.77	5.69	1.26	T	.06	2.68	2.97	5.30	2.98	2.39	2.04	30.16
	2.15	1.85	2.12	1.07	.52	.44	2.81	3.16	1.76	1.85	1.53	2.02	21.28
Phoenix	.70	1.17	3.17	.18	.00	.00	.38	2.48	2.43	.71	.43	1.16	12.81
	.73	.59	.81	.27	.14	.17	.74	1.02	.64	.63	.54	.83	7.11
Prescott	1.07	1.14	M	M	.02	.00	2.58	5.24	10.02	.56	.80	1.76	23.19
	1.72	1.51	1.53	.76	.50	.53	3.15	3.45	1.49	1.22	1.33	1.65	18.84
Safford	1.11	1.15	1.69	.05	.00	.03	3.24	.51	3.77	3.77	.91	1.14	17.37
	.63	.55	.56	.18	.12	.24	1.76	1.55	.99	.86	.40	.76	8.60
Tucson	1.70	.94	1.28	.14	T	.00	1.98	4.24	4.28	4.98	1.71	.61	21.86
	.83	.63	.68	.32	.14	.22	2.42	2.13	1.33	.88	.62	.94	11.14
Willcox	1.50	1.49	2.14	.06	.00	T	3.48	1.69	4.19	4.62	1.94	1.28	22.39
	.86	.62	.62	.24	.15	.39	2.74	2.60	1.12	.77	.44	.97	11.52
Window Rock	.34	.79	1.26	.37	.22	.09	.97	.58	1.63	1.24	M	2.62	10.11
	.77	.67	.84	.54	.45	.42	1.66	2.17	1.14	1.26	.71	.88	11.51
Winslow	.35	.46	.79	.18	.07	.01	1.09	1.39	2.37	.69	.49	.77	8.66
	.43	.46	.51	.32	.30	.35	1.14	1.41	.83	.90	.41	.58	7.64
Yuma	.52	.54	.19	.08	.00	.00	.00	2.64	.23	.21	T	.95	5.36
	.38	.26	.18	.13	.04	.01	.15	.42	.25	.29	.20	.34	2.65

1/ Top row 1983, bottom row long-term average.
2/ Long-term average not available.
M - Missing
T - Trace
Source: National Oceanic and Atmospheric Administration and U.S. Department of Commerce.

SELECTED WEATHER STATIONS AND ELEVATION



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RESERVOIR STORAGE: Arizona, April 1, 1980-84

Basin or Stream	Reservoir	Usable Capacity	Usable storage				
			1980	1981	1982	1983	1984
			Thousand acre feet				
GILA RIVER DRAINAGE							
Agua Fria	Lake Pleasant	157.6	157.2	103.6	97.8	157.5	125.4
Granite	Watson Lake	4.7	4.6	2.4	4.6	4.7	3.9
Granite	Willow Creek	6.1	6.1	0.9	6.1	6.1	5.7
Gila	San Carlos	935.0	1,033.0	611.0	276.2	580.6	875.0
Gila	Painted Rock Dam	2,492.0	1,673.0	0.0	3.4	567.0	6.0
Salt	Roosevelt, Apache, Canyon and Saguaro	1,709.0	1,643.0	1,388.0	1,436.4	1,652.4	1,479.0
Verde	Bartlett and Horseshoe	309.6	276.7	98.5	301.9	297.3	220.0
COLORADO RIVER DRAINAGE							
Colorado	Lake Havasu	619.4	543.6	575.0	561.1	567.5	547.0
Colorado	Lake Mohave	1,810.0	1,664.0	1,705.0	1,677.0	1,714.0	1,709.0
Colorado	Lake Mead	26,159.0	23,335.0	22,229.0	23,380.0	24,638.0	23,804.0
Colorado	Lake Powell	25,002.0	21,264.0	21,585.0	19,641.0	22,604.0	21,057.0
Little Colorado	Show Low Lake	5.1	5.2	1.0	1.4	5.1	3.6

WATER SUPPLY; April-May streamflow forecasts call for much below average runoff on Arizona streams during 1984. Water supplies derived from direct stream diversion will be limited. Heavy reliance will be placed on reservoir storage where such is available. The Verde River is forecast to run 27% of average, the Salt River 24%, and Tonto Creek only 13% of average for this two-month period. The Gila River drainage will produce low runoff with the Gila running 36% at Virden, New Mexico and 32% at the Head of Safford Valley. The San Francisco River is forecast to run 36% of average at Clifton. Streamflow entering San Carlos Reservoir at Calva is forecast to be only 11% of average. Runoff on the Little Colorado River will be about 28% of average at Greer. Inflow to Lyman Reservoir is expected to be near 8% of average.

SNOW COVER: The mountain snowpack continued to decline throughout March. Above average temperatures were common, causing melt, while only a few small storms deposited any snow. On April 1 the remaining snowpack was 10% of average on the Verde Watershed, 18% on the Salt River, 30% on the upper Little Colorado River, and 39% on the Gila-San Francisco drainage. Most snow remaining is above 8,000 feet elevation.

PRECIPITATION: Major storms continued to pass to the north of Arizona. During most of March only the more northern areas of the state received much precipitation. The southern edge of some storm systems crossed central Arizona during the last week of the month, but precipitation remained below average.

STREAMFLOW: On streams where preliminary runoff data was available, the trend was for decreasing flow in March as compared to February. The one exception was the Salt River where runoff increased in response to the melting of the remaining snowpack. However, March runoff was still much below average.

RESERVOIR STORAGE: Water supply reservoirs report normal to above normal storage for April 1. A total of 1,699,000 acre feet was in storage in the six Salt River Project reservoirs on this date. This was 84% of capacity. San Carlos held 875,000 acre feet, 94% full. Lake Pleasant was at 79% capacity with 125,000 acre feet. A total of 47,117,000 acre feet was stored in Lakes Powell, Mead, Mohave, and Havasu, which is 88% of capacity.

Source: U.S. Department of Agriculture, Soil Conservation Service, April, 1984.

INTERNATIONAL TRADE

Jimmye H. Hillman

It is not possible under present methods of statistical measurement to determine what amount of Arizona's production is actually sold abroad. No reliable system of reporting this information has yet been designed, and no official series exists. If such figures were available they would be of little use to farm analysts and producers unless they bore some regular relationship to the state's annual agricultural production.

The alternative that is usually taken is to impute to each state a share of U.S. exports proportional to its share of total U.S. production. The export values appearing in the following table were calculated in this manner for the years 1978-79 through 1982-83. The ratio of Arizona production to U.S. production for each commodity listed was multiplied by the value of U.S. exports of that commodity. The same procedure can also yield an export value share for the southwest states taken together. While in certain cases the actual export value can be found to differ from the imputed export share, the defense of the calculation rests on the principle that supplies of a given commodity from one state or another are essentially interchangeable in domestic and foreign markets.

To make the apportionment of exports to states more realistic, data for certain groups such as feed grains were limited to states that account for 90 percent of the output. It was also assumed that a state would share in exports only if it had an apparent surplus. The latter involves computing grain-consuming animal units and the amount of grain needed to sustain those number.

1/ For a detailed analysis see, Arizona and the U.S. Foreign Trade in Agricultural Commodities, by Robert Rothenberg, and Jimmye S. Hillman, College of Agriculture, University of Arizona, July 1983.

AGRICULTURAL EXPORTS: Arizona's equivalent share of value, by commodity group, fiscal years 1978-79 - 1981-82 1/

COMMODITY GROUP	1978-79	1979-80	1980-81	1981-82	1982-83 1/
			Million dollars		
Wheat and Products	23.1	33.6	36.8	35.0	28.5
Feedgrains and Products	13.9	--	--	--	--
Cotton, Including Linters	197.3	279.3	288.3	222.5	173.7
Cottonseed Oil	20.8	24.7	30.0	23.6	13.6
Fruits and Preparations	41.2	41.8	48.6	44.8	44.2
Vegetables and Preparations	13.0	8.7	13.2	13.1	9.0
Animals and Meats (Exclude Poultry)	10.4	12.8	15.9	16.6	15.4
Hides and Skins	16.3	8.2	11.2	11.1	10.1
Poultry and Products	.2	.2	.3	.2	--
Lard and Tallow	11.4	10.8	11.3	9.6	7.2
Dairy Products	--	.1	.8	.4	.4
Other	25.3	10.1	10.6	10.3	10.8
ARIZONA	372.9	430.3	467.0	387.2	312.9
UNITED STATES	31,975.4	40,481.4	43,780.1	39,094.5	34,771.2

1/ Fiscal years October 1 - September 30.
2/ Preliminary.
Source: USDA Economic Research Service. "Foreign, Agricultural Trade of the United States", May/June 1984 and earlier years.

VALUE OF U.S. FOREIGN TRADE AND TRADE BALANCE: Agricultural and nonagricultural, 1970-83 1/

Year	Agricultural	Nonagricultural	Total	Agricultural percent of total
		Million dollars		Percent
U.S. EXPORTS				
1970	6,958	34,337	41,295	17
1971	7,955	35,928	43,883	18
1972	8,242	36,633	44,875	18
1973	14,984	47,759	62,743	24
1974 2/	21,559	69,423	90,982	24
1975	21,817	83,178	104,995	21
1976	22,742	89,047	111,789	20
1977	23,974	95,144	119,118	20
1978	27,289	104,270	131,559	21
1979	31,979	135,639	167,618	19
1980	40,481	169,753	210,234	19
1981	43,780	185,423	229,203	19
1982	39,095	175,950	215,045	18
1983	34,771	159,371	194,142	18
U.S. IMPORTS				
1970	5,686	33,379	39,065	15
1971	6,128	38,744	44,872	14
1972	5,936	45,926	51,862	14
1973	7,737	57,521	65,258	12
1974 3/	10,031	81,995	92,026	11
1975	9,435	89,251	98,686	10
1976	10,492	103,743	114,235	9
1977	13,357	129,061	142,418	9
1978	13,886	152,095	165,981	8
1979	16,186	177,424	193,610	8
1980	17,276	219,305	236,581	7
1981	17,218	237,469	254,687	7
1982	15,481	233,353	248,834	6
1983	16,368	229,341	245,709	7
TRADE BALANCE				
1970	1,272	958	2,230	--
1971	1,827	-2,816	-989	--
1972	2,306	-9,293	-6,987	--
1973	7,247	-9,672	-2,515	--
1974	11,528	-12,572	-1,044	--
1975	12,382	-6,073	6,309	--
1976	12,250	-14,696	-2,446	--
1977	10,617	-33,917	-23,300	--
1978	13,403	-47,825	-34,422	--
1979	15,793	-41,785	-25,992	--
1980	23,205	-49,552	-26,347	--
1981	26,562	-52,046	-25,484	--
1982	23,614	-57,403	-33,789	--
1983	18,403	-69,970	-51,567	--

1/ Fiscal years October 1 - September 30.

2/ Domestic exports, beginning October 1, 1973 including Defense Department Grant-Aid.

3/ Imports for consumption, customs value basis, beginning October 1, 1973.

-- = Not applicable.

Source: U.S. Foreign Agricultural Trade, Statistical Report, Fiscal Year 1983 (U.S.D.A. Economic Research Service, March, 1984).

FARM LABOR

FARM LABOR: Arizona, by quarterly survey week, January 1979-April 1981 1/

Survey week and year	Number of workers			Weekly hours worked per worker		
	Hired	Family	Total	Farm operator	Other unpaid family workers 2/	Hired workers
	Thousands			Hours		
1979						
January 7-13	6.5	14.0	20.5	32.1	30.0	45.2
April 8-14	12.0	14.0	26.0	37.5	34.0	51.8
July 8-14	15.0	18.0	33.0	37.3	25.0	53.7
October 7-13	14.0	16.0	30.0	35.2	26.9	52.1
1980						
January 6-12	11.0	14.0	25.0	42.4	27.1	48.2
April 6-12	15.0	13.0	28.0	47.5	38.0	51.2
July 6-12	16.0	15.0	31.0	47.0	30.9	48.1
October 12-18	13.0	14.0	27.0	45.3	38.7	53.0
1981						
January 11-17	15.0	14.0	29.0	39.5	38.7	45.4
April 12-18	12.0	14.0	26.0	40.0	41.3	48.4

1/ Quarterly labor survey discontinued in May 1981. Replaced by annual farm labor survey beginning in July 1982.

2/ Includes as "other family" only those household members working 15 or more hours per week without receiving cash wages.

FARM LABOR: Arizona, by annual survey week, July, 1982-83 1/

Survey week and year	Number of workers							Weekly hours worked per worker		
	Hired			Family			Total all	Self employed	Unpaid	Hired
	150 days or more	149 days or less	Total	Self employed	Unpaid	Total				
	Thousands							Hours		
1982										
July 11-17	9	4	13	1	14	15	28	44.0	33.1	46.3
1983										
July 10-16	10	3	13	1	12	13	26	42.6	40.7	48.6

1/ Annual farm labor survey beginning in July 1982.

WAGE RATES: Arizona, by quarterly survey week, January 1979-April 1981 1/

Survey week and year	Farm wage rates by type of work			
	All hired farm workers 2/	Field workers	Combined field and livestock workers	Supervisors
	Dollars per hour			
1979				
January 7-13	3.30	2.98	2.91	5.42
April 8-14	3.48	3.40	3.26	5.25
July 8-14	3.39	3.22	3.17	4.75
October 7-13	3.44	3.23	3.17	5.25
1980				
January 6-12	3.59	3.25	3.21	5.27
April 6-12	3.52	3.25	3.24	5.43
July 6-12	3.68	3.42	3.35	5.24
October 12-18	3.65	3.38	3.29	5.57
1981				
January 11-17	4.05	3.75	3.70	5.98
April 12-18	4.10	3.85	3.78	5.48

1/ Quarterly labor survey discontinued in May 1981. Replaced by annual farm labor survey beginning in July 1982.

2/ Includes packing house, maintenance, bookkeeping and all other hired farm workers.

WAGE RATES: Arizona, by annual survey week, July 1982-83 1/

Survey week and year	Hired workers								
	Type of work						Method of pay		
	All	Field	Live-stock	Combined field & live-stock	Super-visory	Other	Hourly	Piece rate	Other
	Dollars per hour								
1982									
July 11-17	4.18	4.11	3.94	4.08	2/	2/	3.89	2/	4.58
1983									
July 10-16	4.44	4.24	4.17	4.23	2/	4.80	4.25	2/	5.05

1/ Annual farm labor survey beginning in July 1982.

2/ Insufficient data for this category.

MISCELLANEOUS STATISTICS

USUAL PLANTING AND HARVESTING DATES: By crops and principal producing areas, Arizona, 1983

Crop	Usual planting dates	Usual harvesting dates			Principal producing counties
		Begins	Most active	Ends	
FIELD CROPS					
ALFALFA HAY		Mar. 1		Dec. 1	La Paz, Maricopa, Pinal, Yuma
BARLEY	Nov. 15 - Feb. 5	May 15	June 1 - June 30	July 1	Graham, Maricopa, Mohave, Pima Pinal, Yuma
CORN	April 1 - June 1	Sept. 15	Oct. 1 - Nov. 1	Dec. 1	Cochise, Graham, Maricopa, Navajo, Pinal, Yuma
COTTON	Mar. 15 - May 15	Sept. 15	Nov. 1 - Dec. 30	Feb. 1	Cochise, Graham, La Paz, Maricopa, Pima, Pinal, Yuma
SAFFLOWER	Dec. 1 - Feb. 1	July 10	July 15	Aug. 1	Maricopa, Pinal, Yuma
SORGHUM	April 1 - July 1	Sept. 1	Oct. 1 - Oct. 30	Dec. 15	Cochise, Graham, Maricopa, Pinal, Yuma
SUGARBEETS	Sept. 1 - Oct. 25	May 1	June 15 - July 15	Aug. 1	Maricopa, Pinal, Yuma
WHEAT	Nov. 15 - Feb. 5	May 15	June 1 - June 30	July 15	Cochise, Graham, La Paz, Maricopa Mohave, Pima, Pinal, Yuma
VEGETABLES, MELONS AND POTATOES					
BROCCOLI	Aug. 5 - Oct. 15	Nov. 1	Dec. 1 - Feb. 28	Mar. 20	Maricopa, Yuma
CANTALOUPS					
Summer	Feb. 1 - Apr. 15	May 20	June 10 - July 10	July 31	La Paz, Maricopa, Pinal, Yuma
Fall	July 15 - Sept. 10	Sept. 30	Nov. 1	Nov. 30	Cochise, La Paz, Maricopa, Pinal, Yuma
CARROTS	Aug. 20 - Mar. 1	Oct. 10	Jan. 1 - June 30	July 31	Cochise, Maricopa, Pinal
CAULIFLOWER	Sept. 1 - Nov. 1	Nov. 15	Jan. 1 - Feb. 15	Apr. 30	Maricopa, Yuma
HONEYDEWS					
Spring	Mar. 1 - Apr. 15	June 15	July 1 - Aug. 1	Aug. 10	La Paz, Maricopa, Mohave, Yuma
Fall	July 15 - Sept. 15	Sept. 15	Oct. 15	Nov. 30	La Paz, Maricopa, Mohave, Yuma
LETTUCE, OTHER					
Spring	Nov. 1 - Feb. 15	Mar. 10	Apr. 15 - Apr. 25	June 20	Cochise, Maricopa, Pima, Pinal
Fall	July 20 - Sept. 15	Sept. 15	Oct. 20 - Nov. 30	Dec. 15	Cochise, Maricopa, Pima, Pinal
LETTUCE, WESTERN	Aug. 15 - Dec. 1	Nov. 1	Dec. 1 - Mar. 31	Apr. 25	La Paz, Yuma
ONIONS, DRY	Oct. 10 - Dec. 5	May 1	May 20 - June 15	July 1	Cochise, Maricopa, Yuma
POTATOES	Jan. 1 - Jan. 31	Apr. 15	May 15 - June 15	July 15	Maricopa
WATERMELONS	Jan. 20 - Mar. 15	Sept. 20	Nov. 1	Nov. 30	Cochise, La Paz, Maricopa, Mohave, Pinal, Yuma
CITRUS					
GRAPEFRUIT		Sept. 1	Dec. 1 - June 30	July 31	Maricopa, Pinal, Yuma
LEMONS		Aug. 20	Sept. 20 - Feb. 15	May 15	Maricopa, Pinal, Yuma
ORANGES, NAVEL		Nov. 1	Nov. 10 - Jan. 15	Mar. 15	Maricopa, Pinal, Yuma
ORANGES, VALENCIAS		Feb. 1	Mar. 15 - June 1	July 15	Maricopa, Pinal, Yuma
TANGERINES		Nov. 1	Jan. 1 - Apr. 15	May 25	Maricopa, Pinal, Yuma

COTTON GINNING CHARGES, HARVESTING PRACTICES AND SELECTED MARKETING COSTS: Arizona, 1978-79-1982-83

Item	Unit	1978-79	1979-80	1980-81	1981-82	1982-83
BALES GINNED (running bales)	Thousands	1,020	1,247	1,383	1,497	1,039
ACTIVE GINS	Number	NA	120	120	120	112
WRAPPING & GINNING CHARGES PER BALE:						
Total charge per 480-lb. net weight bale 1/	Dollars	33.93	33.91	38.60	42.91	42.87
Charges per bale for bagging and ties when assessed separately	Dollars	2/	2/	2/	5.00	2/
METHOD OF HARVESTING:						
Machine-picked	Percent	89	94	89	89	86
Machine-stripped	Percent	--	--	3/	3	3
Machine-scrapped	Percent	11	6	11	8	11
WEIGHT OF SEED COTTON PER 480-LB. NET WEIGHT BALE:						
Machine-picked	Pounds	1,537	1,468	1,511	1,459	1,443
Machine-stripped	Pounds	--	--	1,649	2,057	3/
Machine-scrapped	Pounds	2,019	1,764	1,870	1,872	1,881
COTTON GINNED FROM:						
Trailers	Percent	81	70	59	44	40
Modules	Percent	19	30	41	56	60
PROPORTION OF PRODUCTION PURCHASED BY GINNERS FROM GROWERS AS BALED LINT:	Percent	16	2	9	3/	NA
Ginners purchases as						
Principal	Percent	NA	NA	NA	NA	NA
Agents	Percent	NA	100	100	100	NA
CHARGES FOR WAREHOUSING & RELATED SERVICES 4/:						
Charge per bale for receiving	Dollars	2/	2/	2/	2/	2/
Charge per bale per month for insured storage	Dollars	1.17	1.40	1.60	1.65	1.57
Charge per bale for compressing to universal density	Dollars	4.80	5.28	6.02	6.21	6.08
Charge per bale for outhandling	Dollars	2/	NA	NA	5.20	5.02

1/ Includes bagging and ties, drying of seed cotton and use of lint cleaners, but does not reflect any patronage dividends or customer rebates.

2/ Separate charges not available.

3/ Less than 1 percent.

4/ Based on published tariffs.

NA = not available.

Source: U.S. Department of Commerce, Bureau of the Census and USDA-AMS Cotton Division (released each August).

COTTON OBJECTIVE YIELD FORECASTING PROGRAM

The upland cotton yield forecasting program of the Crop and Livestock Reporting Service includes regular interviews with farmers and objective measurements from samples in randomly selected fields.

During the yield forecasting season (August 1 to harvest), trained enumerators make monthly visits to randomly selected fields across the State. Row spacing measurements, plant counts, fruit counts, and other pertinent information affecting crop yields are recorded. The farm operator is interviewed to obtain information about acreage, seeding rates, fertilizer applied, and other information about the fields where objective counts are to be conducted. A State yield is generated from the different models used to forecast total bolls expected, average boll weight and harvesting loss.

The number of samples varies from year to year as a result of changes in program size, operator refusals, or sometimes losses because of abandonment. Samples are also visited after the crop is harvested to obtain measurement of harvesting loss and other information affecting production.

The sample data published below were edited to eliminate nonrepresentative reports but still contain some sampling fluctuation. They are not official Crop Reporting Board estimates, but provide indications and trends in cropping practices.

FERTILIZER USED ON UPLAND COTTON ACREAGE HARVESTED: Arizona, 1971-83

Year	Fields in survey	Acres receiving				Rate per acre receiving 1/			Acres fertilized 2/		
		Any fertilizer	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or before seeding only	After seeding only	At or before & after seeding
	Number	Percent				Pounds			Percent		
1971	3/	91	91	46	3	123	62	41	3/	3/	3/
1972	117	82	82	49	4	117	57	39	12	55	33
1973	105	88	88	53	2	120	66	34	14	47	39
1974	105	97	97	51	2	123	58	27	24	29	47
1975	98	83	82	34	2	117	49	22	10	54	35
1976	102	88	88	47	1	155	62	16	4	39	56
1977	92	92	92	58	1	148	59	37	6	46	48
1978	103	89	89	38	1	135	53	26	0	63	37
1979	110	93	93	46	3	142	61	55	7	5	37
1980	122	90	90	34	2	161	72	9	5	58	37
1981	105	92	92	36	2	159	68	7	7	54	39
1982	99	95	94	35	3	126	59	34	3	60	37
1983	82	90	90	45	11	113	43	14	4	50	46

1/ To convert phosphoric oxide (P_2O_5) to elemental phosphorus (P), the quantity of P_2O_5 should be multiplied by 0.43642. To convert potassium oxide (K_2O) to elemental potassium (K) multiply by 0.83016.

2/ Percentages apply to acres receiving fertilizer, not to total acres harvested.

3/ Not available.

UPLAND COTTON SAMPLES: Percentage distribution by row spacing, average row width, seeding rate and plant population, Arizona, 1976-83

Year	Number of samples	Row spacing (inches) 1/				Average row width	Seeding rate per acre 2/	Plants
		36.5 & less	36.6 - 38.5	38.6 - 40.5	40.6 & greater			
		Percent				Inches	Pounds	Number
1976	99	3	30	58	9	39.1	19.9	28,100
1977	82	2	32	57	9	39.2	22.6	29,845
1978	96	2	33	50	15	38.5	20.1	29,846
1979	99	2	33	49	16	39.4	19.6	33,408
1980	120	3	37	49	11	39.0	18.5	35,458
1981	102	4	35	46	15	39.0	18.5	34,993
1982	98	5	33	46	16	39.1	19.2	35,836
1983	94	-	45	43	12	39.2	18.9	33,877

1/ Measurement across 8 row spaces in each sample field.
2/ Acid delinted basis.

SAMPLE COUNTS OF UPLAND COTTON: Bolls produced, weight, lint loss and final yield per acre, Arizona 1976-83

Year	Final count of large bolls produced per ten feet of row 1/	Adjusted average weight per boll		Unopened bolls not harvested per ten feet of row 1/		Lint loss per acre after all harvest complete	Final adopted yield per acre
		Seed cotton 2/	Lint 3/	Bolls	Lint equivalent per acre		
	Number	Grams	Grams	Number	Pounds	Pounds	Pounds
1976	265	4.54	1.67	8	9.3	116	1,178
1977	249	4.16	1.53	3	2.8	101	997
1978	241	4.02	1.48	4	4.6	96	953
1979	263	4.12	1.52	7	8.1	103	1,069
1980	301	3.92	1.44	5	5.8	100	1,184
1981	314	4.03	1.48	4	4.3	90	1,247
1982	272	4.18	1.54	4	4.5	128	1,130
1983	285	4.04	1.49	5	5.9	91	1,225

1/ A "large" boll is one inch or greater in diameter, opened or unopened. Counts are actually made on 46 feet of row in each sample field.
2/ Seed cotton adjusted to 5 percent moisture: 453.6 grams equal one pound.
3/ Lint equals 36.8% of seed cotton.

FERTILIZER AND MINERAL CONSUMPTION: Arizona, 1979-83

Fertilizer and minerals	1979	1980	1981	1982	1983
			Tons		
COMMERCIAL FERTILIZER					
Liquid Commercial Fertilizer	208,612	216,229	231,252	194,959	158,632
Mixed Commercial Fertilizer, Dry	89,981	79,169	71,470	54,025	63,767
Urea	37,884	32,673	32,162	25,889	22,530
Ammonium Nitrate	7,657	3,785	4,101	3,995	4,933
Ammonium Sulfate	9,777	7,445	8,115	6,679	6,557
Superphosphate, Normal	672	--	--	--	--
Superphosphate, Treble	2,732	3,512	2,608	3,024	1,728
Potassium Sulfate and/or Chloride	981	242	545	270	346
Calcium Nitrate	1,783	760	737	1,900	1,860
Miscellaneous, Dry	1,016	1,862	1,406	1,477	834
TOTAL	361,095	345,677	352,396	292,218	261,187
AVAILABLE NITROGEN, PHOSPHOROUS AND POTASSIUM 1/					
N	113,549	118,366	119,783	95,380	78,148
P_2O_5	36,793	28,300	28,390	24,455	25,171
K_2O	1,038	924	1,449	960	1,485
TOTAL	151,380	147,590	149,622	120,795	104,804
AGRICULTURAL MINERALS					
Gypsum	13,475	32,881	49,205	33,973	45,762
Iron Products	1,206	1,385	2,856	2,520	1,956
Sulfur Products	2,017	1,310	1,455	1,653	1,084
Lime Sulfur	2,067	1,665	1,252	854	606
Sulfuric Acid	1,217	1,229	565	745	1,857
Micronutrients	732	1,130	950	630	917
TOTAL	20,714	39,600	56,283	40,375	52,182

1/ Amounts of nitrogen, phosphorous and potassium available in the above commercial fertilizer totals.
Source: Arizona State Chemist.

PESTICIDE SALES: By type, Arizona, 1978-82 1/

Pesticide type	1978	1979	1980	1981	1982
		1,000 lbs. technical material			
INSECTICIDES					
Acephate	272	195	158	58	215
Chlordane	249	129	158	66	41
Chlordimeform	255	291	273	512	169
Ethyl Parathion	272	34	79	129	131
Methomyl	245	236	145	117	113
Methyl Parathion	1,882	299	403	547	412
Monocrotophos	219	159	254	219	83
Permethrin	210	188	288	231	145
Sulfur	1,875	1,011	2,463	11,606	1,758
Other	2,818	1,608	2,095	1,584	1,758
TOTAL	8,297	4,150	6,316	15,069	4,825
HERBICIDES					
DCPA	44	150	90	72	53
Dinoseb	187	335	272	110	80
EPTC	136	249	170	132	125
Glyphosate	111	143	186	165	115
MSMA	149	89	67	55	119
Pendimethalin	87	155	163	131	91
Prometryn	128	160	164	187	157
Trifluralin	117	223	181	140	158
Other	717	495	502	413	304
TOTAL	1,676	1,999	1,795	1,405	1,202
FUNGICIDES - BACTERICIDES					
Copper Oxychloride Sulfate	41	33	17	14	26
Copper Sulfate	46	36	20	66	0
Maneb	47	154	120	49	56
PCNB	25	19	14	13	8
Other	56	118	99	66	305
TOTAL	215	360	270	208	395
DEFOLIANTS, DESSICANTS AND GROWTH REGULATORS					
Arsenic Acid	42	119	124	24	22
Cacodylic Acid	36	81	52	2	8
DEF	230	166	171	99	91
Merphos	97	89	124	103	40
Sodium Chlorate	1,326	1,239	1,810	979	1,369
Other	91	97	60	32	113
TOTAL	1,822	1,791	2,341	1,239	1,643
FUMIGANTS					
D-D	319	380	596	300	721
Dichloropropene	65	154	292	284	233
Methyl Bromide	42	22	16	12	2
Other	71	1	10	40	67
TOTAL	497	557	914	636	1,023

1/ Major pesticides listed separately by types. All others are grouped into the "other" category.
Source: Council for Environmental Studies, College of Agriculture, The University of Arizona.

AVERAGE COST OF IRRIGATION ENERGY: Arizona, January 1 and July 1, 1979-83 1/

Year	Electric		Fuel adjustment		Natural gas		Fuel adjustment	
	Jan.	July	Jan.	July	Jan.	July	Jan.	July
	Cents per KWH 2/		Cents per KWH		Cents per Therm 2/		Cents per Therm	
1979	3.96	3.78	0.100	0.300	19.78	25.80	3.64	9.39
1980	4.31	4.31	0.600	0.530	26.30	29.66	9.39	9.39
1981	4.26	4.04	0.600	0.530	30.41	29.70	9.39	7.16
1982	5.59	5.28	0.390	0.390	45.37	43.18	7.84	11.14
1983	5.62	5.08	0.000	0.000	50.82	48.02	15.60	15.60

1/ To be used for comparison only. Includes only wells drawing power from Arizona Public Service.
2/ Includes fuel adjustment.
Source: Arizona Public Service
Definitions: 1 KWH equals 1,000 watts operating for 1 full hour.
1 KW equals 1,000 watts.
1 HP equals 746 watts.
.746 KWH equals 1 HP operating for 1 full hour.
1 Therm equals that unit of gas having 100,000 BTU's(British Thermal Unit) of heating value.

ELECTRICITY AND TELEPHONE USEAGE AND CHARGES: Arizona 1979-83 1/

Year	Electricity			Telephone	
	Average monthly kilowatt-hours used	Average monthly bill	Cost per kilowatt-hour	Average monthly local bill	Average monthly total bill
	KWH	Dollars	Cents	Dollars	Dollars
1979	2,500	138.00	5.50	15.50	37.50
1980	2,700	165.00	6.10	16.00	41.00
1981	2,500	190.00	7.60	16.60	44.60
1982	3,000	222.00	7.40	19.00	60.00
1983	2,600	190.00	7.30	21.50	66.50

1/ Based on an annual survey conducted in July and August. Data reflects most recent bill, usually June or July, all types of forms included.

MOTOR FUELS: Prices paid, Arizona, 1979-83

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars per gallon						
						DIESEL FUEL						
1979	.480	.490	.540	.550	.640	.640	.670	.790	.800	.830	.800	.790
1980	.850	.950	1.030	1.030	1.100	1.050	1.060	.970	1.010	1.050	1.050	1.080
1981	1.090	1.140	1.170	1.130	1.160	1.180	1.180	1.180	1.240	1.230	1.200	1.200
1982	1.240	1.250	1.170	1.060	1.050	1.060	1.070	1.100	1.070	1.060	1.110	1.120
1983	1.090	1.030	.960	.960	.950	.980	.990	1.000	.990	1.000	.990	.980
						GASOLINE, REGULAR, BULK DELIVERY						
1979	.640	.620	.690	.730	.790	.780	.820	.850	.880	.930	.920	.940
1980	.970	1.090	1.120	1.160	1.170	1.170	1.140	1.160	1.150	1.170	1.170	1.140
1981	1.140	1.260	1.280	1.290	1.290	1.290	1.310	1.310	1.340	1.270	1.260	1.280
1982	1.270	1.240	1.190	1.120	1.130	1.200	1.240	1.240	1.210	1.220	1.170	1.130
1983	1.100	1.070	.990	1.050	1.100	1.160	1.170	1.190	1.160	1.100	1.130	1.100
						GASOLINE, UNLEADED, SERVICE STATION						
1979	.690	.720	.760	.830	.870	.910	.940	.960	.980	.990	1.000	1.020
1980	1.140	1.210	1.220	1.240	1.230	1.230	1.250	1.200	1.210	1.220	1.240	1.220
1981	1.230	1.320	1.350	1.360	1.360	1.370	1.370	1.380	1.400	1.360	1.360	1.360
1982	1.390	1.380	1.310	1.260	1.260	1.290	1.350	1.340	1.330	1.320	1.310	1.290
1983	1.240	1.180	1.120	1.160	1.180	1.220	1.250	1.250	1.260	1.240	1.210	1.220

LAND OWNERSHIP AND ADMINISTRATION: Acres and percent of total, Arizona, by counties, 1983 1/

County	Forest Service	Bureau of Land Management	State of Arizona	Indian reservations	Individual or corporate 2/	Other public lands 3/	Total area 4/	Area of	
								Land	Water 5/
					1,000 acres				
Apache	486	142	698	4,677	1,024	154	7,181	7,175	6
Cochise	490	270	1,383	0	1,725	112	3,980	3,980	0
Coconino	3,260	593	1,133	5,355	744	862	11,947	11,909	38
Gila	1,705	58	30	1,144	130	6/	3,067	3,041	26
Graham	396	763	542	1,092	184	0	2,977	2,963	14
Greenlee	748	167	143	0	118	0	1,176	1,176	0
La Paz	0	1,747	108	226	255	553	2,889	2,870	19
Maricopa	658	1,689	635	268	1,763	891	5,904	5,841	63
Mohave	5	4,293	597	543	1,767	1,417	8,622	8,503	119
Navajo	488	127	374	3,464	1,921	6/	6,374	6,371	3
Pima	433	239	1,043	2,490	778	897	5,880	5,880	0
Pinal	220	535	1,246	770	668	0	3,439	3,420	19
Santa Cruz	419	0	64	0	309	0	792	792	0
Yavapai	1,962	544	1,407	4	1,284	6/	5,201	5,198	3
Yuma	0	461	268	4	411	2,387	3,531	3,526	5
Total	11,270	11,628	9,671	20,037	13,081	7,273	72,960	72,645	315

County	Forest Service	Bureau of Land. Management	State of Arizona	Indian reservations	Individual or corporate 2/	Other public lands 3/
				Percent of total area		
Apache	7	2	10	65	14	2
Cochise	12	7	35	--	43	3
Coconino	27	5	10	45	6	7
Gila	56	2	1	37	4	6/
Graham	13	26	18	37	6	--
Greenlee	64	14	12	--	10	--
La Paz	--	60	4	8	9	19
Maricopa	11	29	11	4	30	15
Mohave	6/	50	7	6	20	17
Navajo	8	2	6	54	30	6/
Pima	8	4	18	42	13	15
Pinal	6	16	36	22	20	--
Santa Cruz	53	--	8	--	39	--
Yavapai	38	10	27	6/	25	6/
Yuma	--	13	7	6/	12	68
Total	15	16	13	28	18	10

1/ Reference dates: Forest Service, October 1, 1983; Bureau of Land Management, January 1, 1984; State, July 1, 1983 and Bureau of Indian Affairs, October 1, 1983.

2/ Derived as residual.

3/ Includes land administered by National Park Service, Department of Defense, Bureau of Sport Fisheries and Wildlife, Bureau of Reclamation and other state, county and city public land.

4/ U.S. Department of Commerce, Bureau of Census, 1980.

5/ The term "water" includes permanent inland water surface such as lakes, ponds and reservoirs having 40 acres or more of area and streams and canals one-eighth mile or more in width.

6/ Less than 0.5 percent.

STATE STATISTICAL OFFICES

To request order forms for other state statistical reports write: State Statistical Office, Statistical Reporting Service.

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FAS-829 (Rev. 5-84)

PRINCIPAL CROPS: Acreage harvested by counties and total State production, Arizona, 1982 Revised

Crop	State total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Upland Cotton: Acres	465,000	•	28,100	•	•	12,000	1,100	181,000	5,500	•	15,700	134,200	•	•	87,400
Bales, 480 lbs. net wt.	1,095,000														
American-Pima Cotton: Acres	41,600	•	700	•	•	11,400	•	10,050	•	•	2,700	9,300	•	•	7,450
Bales, 480 lbs. net wt.	65,900														
Alfalfa: Acres	160,000	1,900	8,400	400	100	5,000	500	51,400	6,400	4,800	1,300	14,800	1,300	3,200	60,500
Production, tons	1,168,000														
Other Hay: Acres	25,000	1,800	200	500	400	900	100	7,300	1,000	1,500	400	2,200	1,300	400	7,000
Production, tons	73,000														
Other Wheat for Grain: Acres	64,000	200	1,500	400	•	3,700	700	24,600	•	1,000	800	4,500	•	1,000	25,400
Production, tons	161,280														
Durum Wheat for Grain: Acres	79,000	•	•	•	•	400	200	29,300	3,500	•	3,700	35,800	•	•	5,900
Production, tons	210,930														
Barley for Grain: Acres	63,000	•	300	•	500	6,000	•	19,800	1,000	300	1,000	28,700	•	•	4,300
Production, tons	158,760														
Corn for Grain: Acres	18,000	200	8,200	400	•	2,500	•	•	•	5,200	•	•	•	400	•
Production, tons	68,040														
Sorghum for Grain: Acres	15,000	700	2,200	•	•	1,800	•	3,700	•	600	800	3,000	•	•	1,700
Production, tons	35,280														
Sugarbeets: Acres	12,800		•			•		3,900			300	5,900			2,700
Production, tons	298,000														
Safflower: Acres	4,600							2,950				•			1,650
Production, tons	5,700														
Principal Vegetables: Acres	59,400		2,750					21,800	600		650	2,500		•	30,850
Production, commercial cwt.	16,522,000														
Grapefruit: Acres	8,160							5,440			•	•			2,720
Production, ctns.	4,800,000														
Oranges 1/: Acres	16,910							10,970			•	•			5,940
Production, ctns.	7,600,000														
Lemons: Acres	21,610							2,250			•	•			19,360
Production, ctns.	12,600,000														
Other Crops 2/: Acres	105,000														
Total acres harvested 3/	1,159,080														

1/ Includes tangerines and tangerine types.
2/ Includes miscellaneous fruits, vegetables and field crops not listed above.
3/ Includes multiple crop acreage.
• Acres harvested too small to warrant quantitative estimate. Acres, if any, are included in State totals.

PRINCIPAL CROPS: Acreage harvested by counties and total State production, Arizona, 1983 Preliminary

Crop	State total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Upland Cotton: Acres	284,000	*	16,400	*	*	7,850	660	20,800	114,900	3,540	*	8,250	76,400	*	*	35,800
Bales, 480 lbs. net wt.	725,000															
American-Pima Cotton: Acres	29,300	*	860	*	*	7,900	*	3,830	6,850	*	*	1,450	8,300	*	*	110
Bales, 480 lbs. net wt.	46,900															
Alfalfa: Acres	145,000	1,800	7,600	400	100	5,000	500	25,300	46,000	6,000	2,500	1,200	13,000	1,300	3,000	29,500
Production, tons	1,059,000															
Other Hay: Acres	25,000	1,800	500	500	400	900	100	3,500	7,500	1,000	1,500	400	2,000	1,500	600	3,200
Production, tons	98,000															
Other Wheat for Grain: Acres	66,000	200	1,400	400	*	3,700	700	7,200	24,600	*	1,000	800	4,200	*	1,100	17,200
Production, tons	184,320															
Durum Wheat for Grain: Acres	55,000	*	*	*	*	400	200	1,700	18,900	3,000	*	3,300	23,200	*	*	4,100
Production, tons	148,500															
Barley for Grain: Acres	36,000	*	800	*	400	3,900	*	1,000	11,800	600	*	800	16,700	*	*	1,600
Production, tons	98,500															
Corn for Grain: Acres	17,000	700	4,700	500	*	2,800	*	*	*	*	3,400	*	*	*	500	*
Production, tons	68,540															
Sorghum for Grain: Acres	15,000	700	1,600			1,200		*	5,000		600	600	5,100			1,400
Production, tons	28,760															
Sugarbeets: Acres	0															
Production, tons																
Safflower: Acres	3,600								*				*			3,000
Production, tons	3,600															
Principal Vegetables: Acres	67,270		3,300					6,560	22,920	850		730	2,210		*	30,620
Production, commercial cwt.	17,123,000															
Grapefruit: Acres	6,800								4,270			*	*			2,530
Production, ctns.	5,400,000															
Oranges 1/: Acres	16,140								9,860			*	*			6,280
Production, ctns.	9,360,000															
Lemons: Acres	19,460								2,070			*	*			17,390
Production, ctns.	10,100,000															
Other Crops 2/: Acres	94,000															
Total acres harvested 3/	877,530															

1/ Includes tangerines and tangerine types.
2/ Includes miscellaneous fruits, vegetables and field crops not listed above.
3/ Includes multiple crop acreage.
* Acres harvested too small to warrant quantitative estimate. Acres, if any, are included in State totals.